CAREY'S COVERINGS

THE PHILIP CAREY COMPANY
CINCINNATI, O. U. S. A.

CATALOG No. 411.

DESCRIPTIVE CATALOG, No. 411,

...OF...

CAREY'S COVERINGS.

The Philip Carey Company.

Distributers,

85% CARBONATE OF MAGNESIA

and

Carey's 85% Magnesia, Standard Asbestos Moulaed,
Air Cell and Felt Pipe Coverings, Coverings
for Ammonia, Brine, Ice and Cold Water Pipes,
Underground and Exposed Steam Pipe Insulation,
Train Pipe Coverings, Steam and Hydraulic Packings, Fire Proof Paints,
Linofelt and Lith Deadening and Sheathing for Buildings,
Flexible Cement Roofing, Asbestos Materials,
Roofing Paints and Cements.

FACTORIES:

Lockland, Ohio. *Plymouth Meeting, Pa.* *Hamilton, Ont*

General Office, LOCKLAND, CINCINNATI, O., U. S. A.

Long Distance Phone, Valley 105.
Telegraph Office, Cincinnati, Ohio.

To our Friends and Patrons:

We beg to thank you for the liberal patronage bestowed upon us in the past, and to assure you of our appreciation of your favors.

We are prepared to meet the heavy and constantly increasing demand for our products. In connection with all additions to and changes in our plants, is taken into careful consideration the improvement of our products, as it is our ambition to furnish our patrons with materials superior to the best of any other make. Our friends can be assured that future orders will be filled with materials equal to, if not better, than those furnished heretofore.

We thank our patrons for past favors, and hope to merit their continued patronage.

THE PHILIP CAREY COMPANY.

Cincinnati, Ohio.

Recognized Merit.

Industrial Exposition Awards.

Awarded Carey's 85% Magnesia Steam Pipe and Boiler Coverings.

Awarded Carey's 85% Magnesia Steam Pipe Coverings—Working Display—
(Applied throughout the Exposition Plant) Official Coverings.

Awarded Carey's Flexible Cement Roofing for Simplicity, Efficiency
and Durability.

Recognized Merit.

Industrial Exposition Awards.

Awarded Carey's 85% Magnesia Pipe Covering and Flexible Cement Roofing.

Awarded Carey's Celebrated Paints and Varnishes.

Awarded Carey's Magnesium Carbonate (Carbonate of Magnesia)
in Powder and Block Form.

The Philip Carey Company,

General Offices, Lockland, Cincinnati, Ohio.

FACTORIES:

Plymouth Meeting, Pa. *Lockland, O.* *Hamilton, Ont.*

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Atlanta, Ga., ... 34 & 36 W. Alabama St.
Baltimore, Md., ... 434-438 N. Holliday St.
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Buffalo, N. Y., ... 43-45 Pearl St.
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Chicago, Ill. . . . . 24th & LaSalle St.
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Cleveland, Ohio, ... 1400 Ninth St., N. W.
Columbus, O., ... 974½ North High St.
Dallas, Tex., ... 502-506 Pacific Ave.
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Kansas City, Mo., ... 2008 & 10 McGee St.
Knoxville, Tenn., ... Hume St. & Southern Ry.
Little Rock, Ark., ... 502, 504 & 506 Pacific Ave.
Los Angeles, Cal., ... 359 N. Main St.
Memphis, Tenn., ... 96 North Front St.
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Minneapolis, Minn., ... 200-206 First Ave., S.
Montreal, Que., ... 8 & 10 Youville Pl.
Nashville, Tenn., ... 208 Second Ave., South.
New York, N. Y., ... 114-18 Liberty St.
New York, N. Y., ... 100 North Moore St.
Newark, N. J., ... 101 to 107 Academy St.
New Orleans, La., ... 611 Baronne St.
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Philadelphia, Pa., ... S. E. Cor. 13th & Hamilton Sts.
Pittsburg, Pa., ... 333 & 335 Second Ave.
San Francisco, Cal. . . . . 25-27 S. Park St.
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Toronto, Ont., ... 77 Front St., East.
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Mexico City. London. Hamburg. Amsterdam. Christiania. Melbourne. Buenos Aires.

OUR

BRANCH

OFFICES

are furnished with a corps of skilled workmen, and are prepared to execute contracts of any magnitude in the most approved and satisfactory manner.

Self-Evident Facts.

HEATED surfaces naturally lose heat through absorption and abstraction when coming into contact with a cooler surface or element.

PIPES and boilers carrying steam at from 212° upward, coming into direct contact with the surrounding atmosphere, the temperature of which seldom reaches 100°, naturally lose a large percentage of heat through radiation.

LOSS of heat through radiation causes a condensation of steam, thus supplying a mixture of steam and water for the cylinders and other points of utilization, instead of dry steam.

WATER mixed with steam impairs the efficiency of the entire plant, and it is often responsible for serious accidents.

STEAM lost through radiation and condensation must be replaced to enable the plant to meet demands, and the only recourse is the excessive use of fuel.

FUEL is an important and expensive item of cost in the operation of a steam plant, and the saving of a large percentage of this item is an important factor in the earnings of any plant, large or small.

EARNINGS may be largely increased by a small outlay for proper protection to steam pipes, boilers and connections.

The Problem Solved.

Carey's Coverings—

Are absolutely fire-proof and are thorough non-conductors of heat.

Confine the heat to the pipes, and prevent its loss through radiation.

Prevent the condensation of steam, obviate the necessity of excessive firing, and reduce to a minimum the amount of fuel necessary to operate the plant.

Save enough fuel within six or eight months to more than repay their original cost.

Outlast the surfaces to which they are applied, and the continued saving becomes an annual dividend of at least one hundred per cent. upon their original cost.

Are in many respects superior, and in all essential features equal, to the best on the market.

Are the cheapest, considering their efficiency and the satisfactory and remunerative results obtained by their use.

Are in use and recommended by thousands of prominent steam users throughout the country.

Forms of Covering.

For steam pipes from ½" to 12" inside diameter, Carey's Coverings are furnished in sections three feet long, cut into halves lengthwise, each section being furnished with canvas jacket. For pipes 14" inside diameter and upward, the covering is formed of concaved-convexed blocks 36" long, cut to a radius to conform to the surface to be covered, the canvas jacket being used after the blocks are secured in place.

Removable covers for fittings, including regular and 45° Elbows, Tees, Globe Valves and Crosses up to 10" inside diameter, are furnished in sectional form, with canvas jacket and bands. Cement (Plastic) or blocks with a coating of cement, is generally used for insulating fittings over 10", inside diameter.

For covering boilers, domes, heaters, breechings and similar surfaces, Sectional blocks or Cement is used, but a combination of these is the most satisfactory and gives the best results, blocks of requisite thickness being applied with a thin coating of cement over them.

Cement is used for irregular surfaces where sectional coverings can not be applied to advantage.

Special Coverings.

We make Special Coverings for special purposes, and will be glad to submit suggestions and estimates upon request.

Exposed Pipe.

Where coverings are used on pipes or other surfaces exposed to the weather or dampness, they should be thoroughly coated with our special Asphaltum Varnish which not only renders them impervious to moisture, but also adds to their efficiency by hermetically sealing all joints and seams.

Miscellaneous Materials.

Prices upon any asbestos materials or products not mentioned in this catalogue will be furnished upon application, Write us.

CRUDE ASBESTOS.

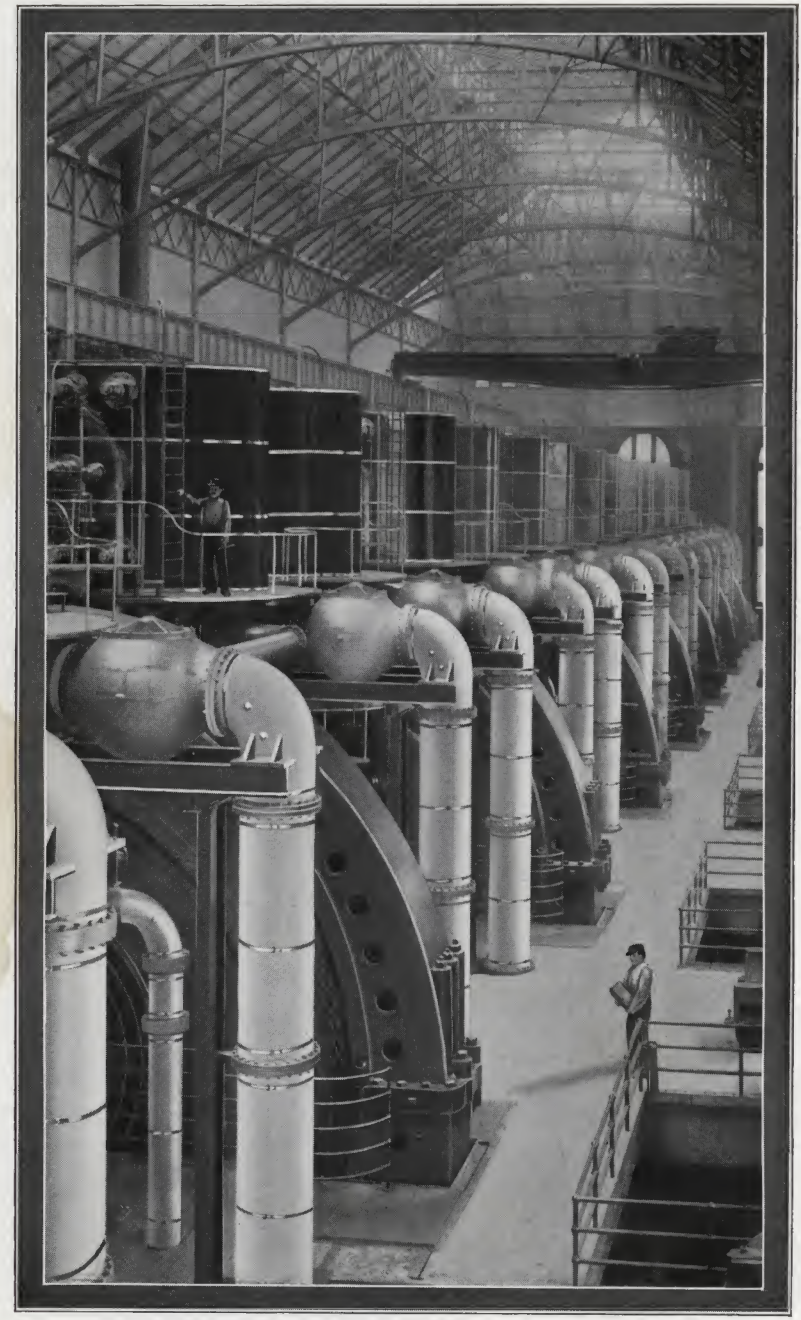
Carey's Standard Price List

Applying to

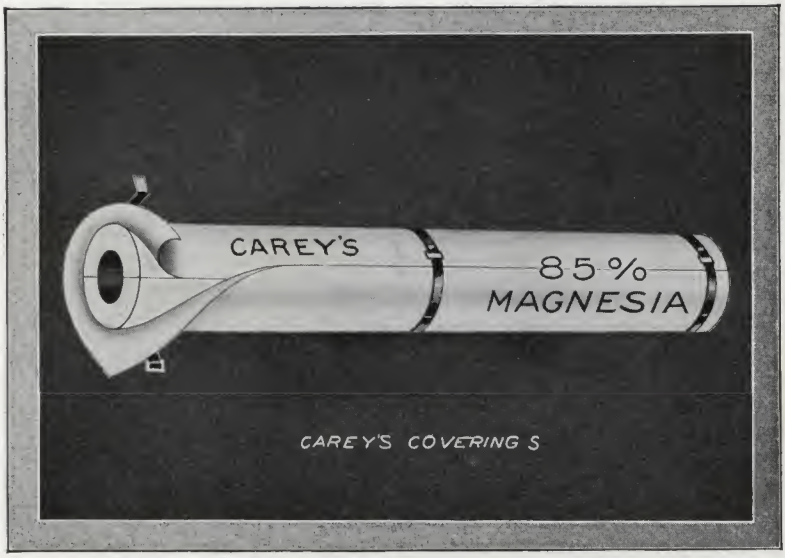
High and Low Pressure Sectional Steam Pipe Coverings.

Inside Diameter of Pipe	Price per Lineal Foot	Elbows	Tees	Crosses	Valves	Flanges
½ inch	$0 22	$0 30	$0 36	$0 48	$0 54	$0 50
¾ "	24	30	36	48	54	50
1 "	27	30	36	48	54	50
1¼ "	30	30	36	48	54	50
1½ "	33	30	36	48	54	50
2 "	36	36	42	54	60	60
2½ "	40	42	48	60	78	70
3 "	45	48	54	70	96	80
3½ "	50	54	60	80	1 20	90
4 "	60	60	75	95	1 50	1 00
4½ "	65	72	90	1 10	1 85	1 30
5 "	70	90	1 20	1 50	2 25	1 60
6 "	80	1 30	1 60	2 00	2 80	1 90
7 "	1 00	1 80	2 20	2 80	3 60	2 20
8 "	1 10	2 40	3 00	3 60	4 40	2 50
9 "	1 20	3 00	3 80	4 40	5 30	2 90
10 "	1 30	3 60	4 60	5 20	6 20	3 30
12 "	1 85					
14 "	2 10					
16 "	2 35					
18 "	2 60					
20 "	2 85					
24 "	3 30					
30 "	4 00					

Covering for pipes over 12 inches inside diameter formed of concaved-convexed blocks.



Manhattan 74th St. Power Station, New York. Exhaust Connections.
Covered throughout with Carey's Magnesia Pipe and Boiler Coverings.



Carbonate of Magnesia.

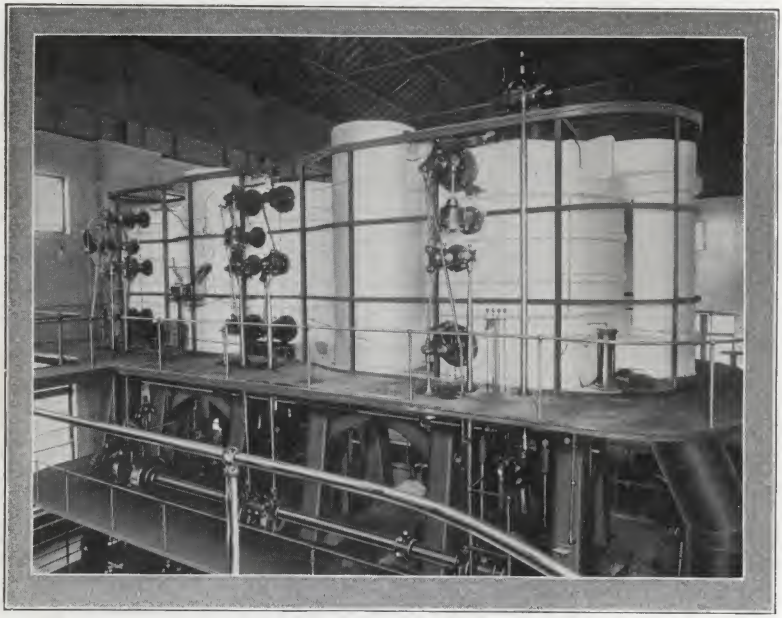
FOR HIGH PRESSURE STEAM HEATED SURFACES.

It is absolutely fire-proof, the most thorough non-conductor of heat, exceptionally light, and possesses all the desirable qualities of heat insulation to a greater degree than any other known substance, but it is not adhesive, and would therefore not be durable were it used exclusively.

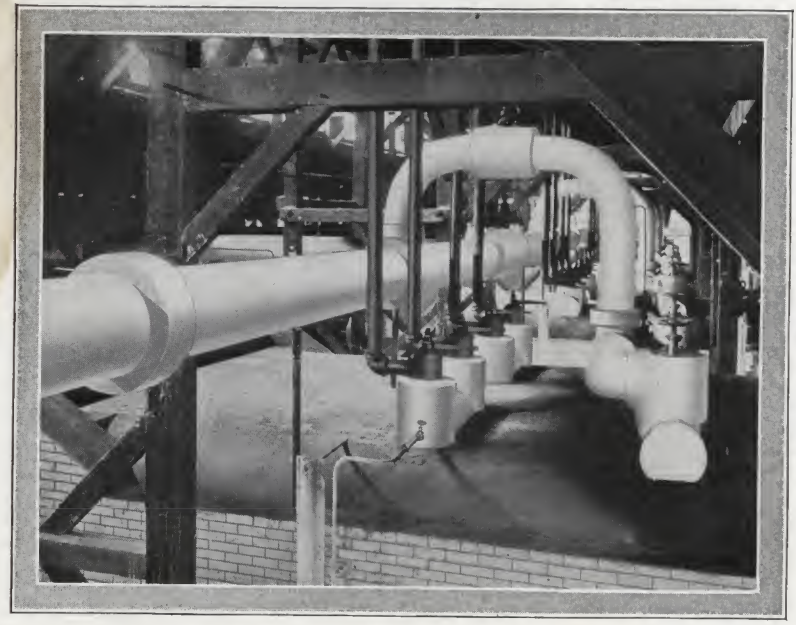
Asbestos, in fibrous form, is absolutely fire-proof, light and practically indestructible, but it is not a thorough non-conductor of heat.

When used independently or alone, neither Asbestos nor Magnesia, for the reasons stated, would make an ideal heat insulation, but the difficulty has been overcome by combining the two materials in proper proportions, the Asbestos Fibre acting as a binder and holding the Magnesia in form on the same principle that hair is used in ordinary plaster.

Practical experiments and experience have conclusively proven that heat insulation composed of approximately 85% pure Carbonate of Magnesia and 15% fibrous Asbestos (sufficient to hold the Magnesia intact) is the lightest, most efficient, durable and economical.

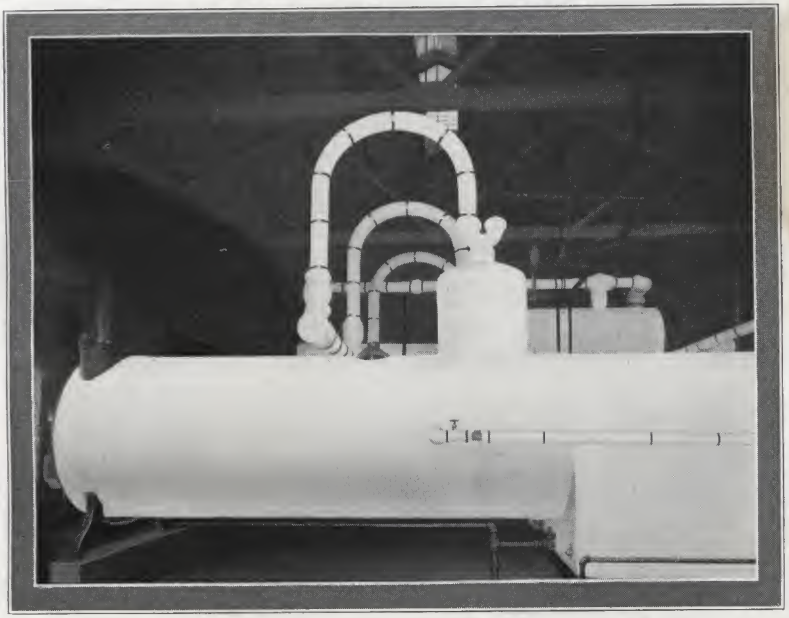


Cincinnati Water Works Station, Cincinnati, O. Carey's Covering used throughout.

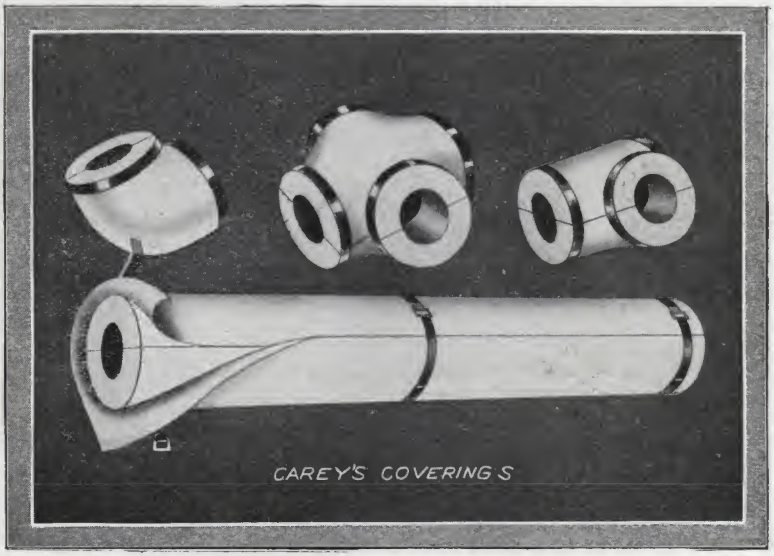


Pennsylvania Coal Co., Pittston, Pa. Carey's Covering used throughout.

U. S. Naval Hospital, Ft. Lyon, Col. Carey's Covering used throughout.



U. S. Naval Hospital, Ft. Lyon, Col. Carey's Covering used throughout.

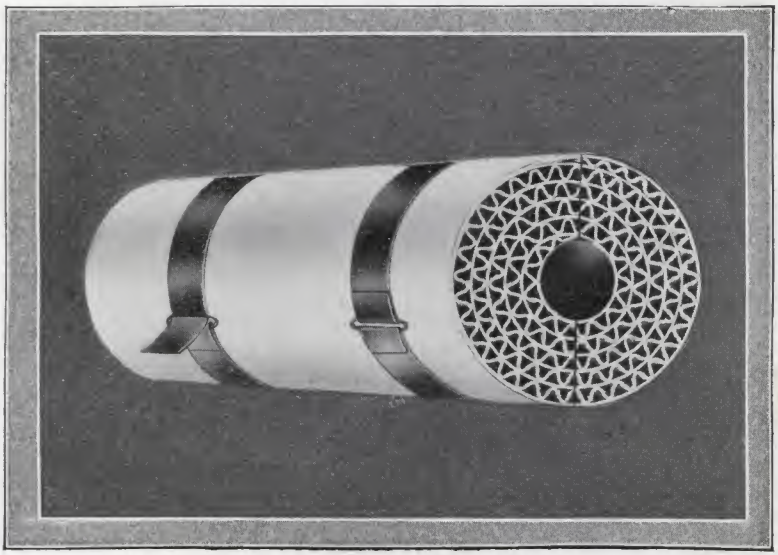


Carey's Standard Asbestos Moulded Covering.

For High and Low Pressure Steam Pipes.

Our Standard Asbestos Sectional Steam Pipe Covering is composed of asbestos fibre, magnesia and other absolutely fireproof, non-conducting materials, which combined, form a light, porous composition, containing an infinite number of minute dead air cells, which are the basis of heat insulation. It is moulded into sections three feet long, which are cut open lengthwise, so as to be readily placed on the pipe. Furnished with canvas jacket.

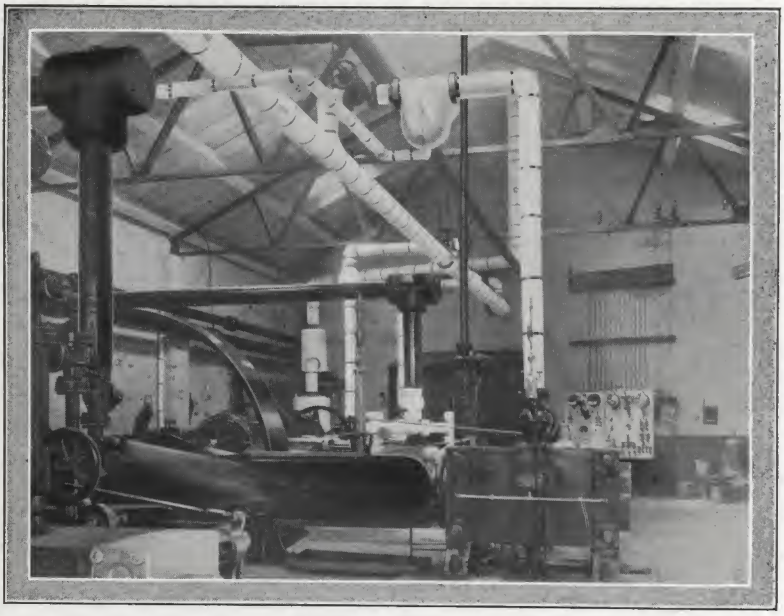
Moulded coverings are also made for regular fittings, including ells, tees, globe valves and crosses.



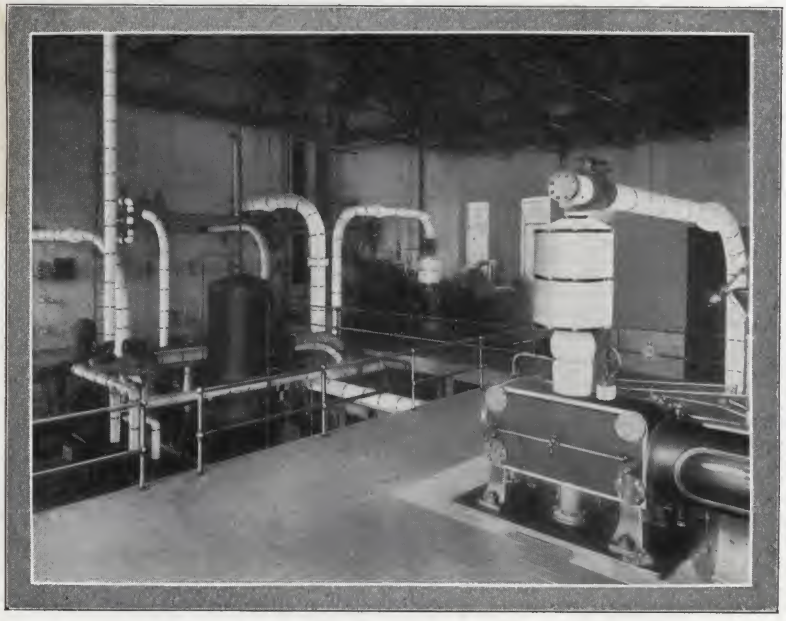
Carey's Air Cell Pipe Covering.

Carey's Sectional Air Cell Pipe Covering is constructed of alternate layers of plain and corrugated asbestos paper, forming, when placed upon the pipe, successive layers of continuous dead air cells, making a light, durable and efficient insulation for both high and low pressure work. As in the Moulded Covering, the sections are cut into halves lengthwise and furnished with canvas jacket. The covering is made regularly in three thickness, namely, ½", ¾" and 1", but is also furnished any greater thickness desired.

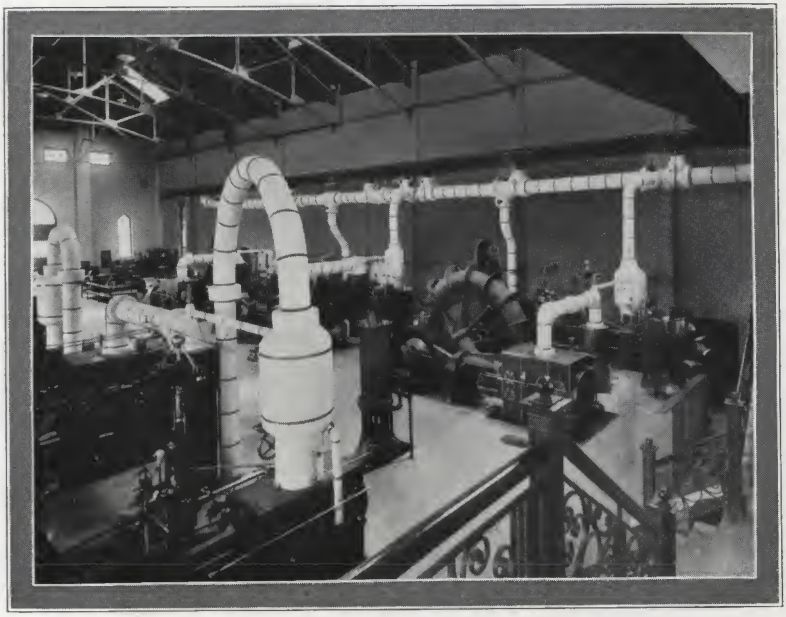
One notable advantage of the Asbestos Air Cell Pipe Covering is its resistance to usage and safety in transit, as there is no liability whatever of breakage, regardless of the distance traversed, or handling to which it is subjected.



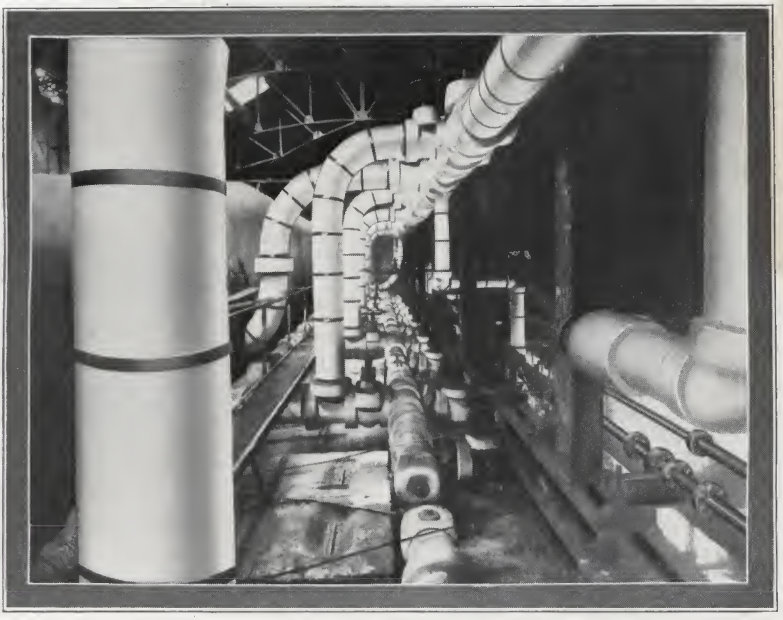
Kingan Provision Co., Baltimore, Md. Carey's Covering used throughout.



McSim Bar Paper Co., Power Plant. Carey's Covering used throughout.



New Orleans Water Purification Plant, New Orleans, La. Carey's Covering used throughout.



New Orleans Water Purification Plant, New Orleans, La. Carey's Covering used throughout

Carey's Alternant Covering.

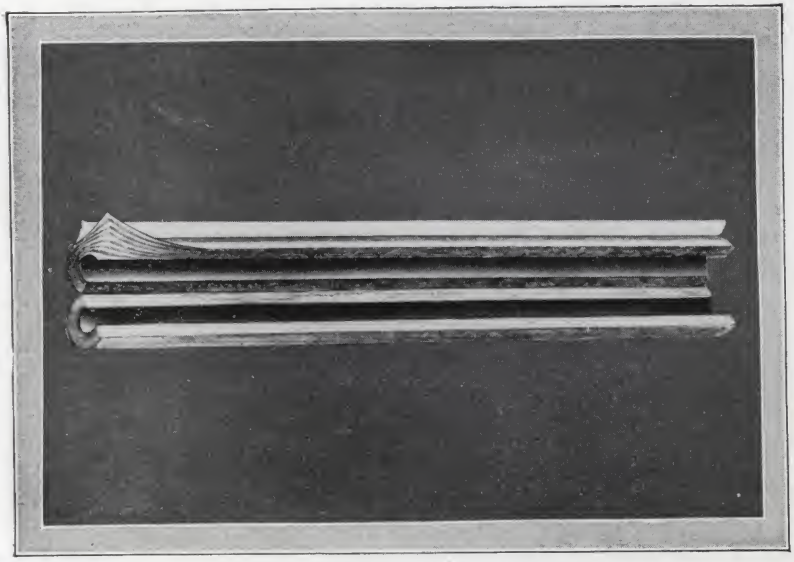
Alternant Covering is composed of alternate layers of heavy pure serrated asbestos and a high grade of woolen felt, the inner and outer layers of the covering being of asbestos. This covering is furnished regularly 1" thick, with canvas jacket, but can be furnished in a greater or lesser thickness if desired.

The serrated asbestos is absolutely fire-proof, while the woolen felt is an exceptional non-conductor of heat or cold, and by alternating these materials an extraordinarily high degree of efficiency is obtained.

From the nature of the materials, it is readily apparent that the covering is practically indestructible.

Alternant Covering has been used for many years by car-builders, railroads and car heating apparatus manufacturers throughout the country for train pipe insulation, and is also extensively used for insulating low pressure steam and hot water pipes where an exceptionally high degree of efficiency and durability is desired.

The covering is furnished in sections three feet long, to fit standard pipes of any diameter.



Carey's Train Pipe Covering.

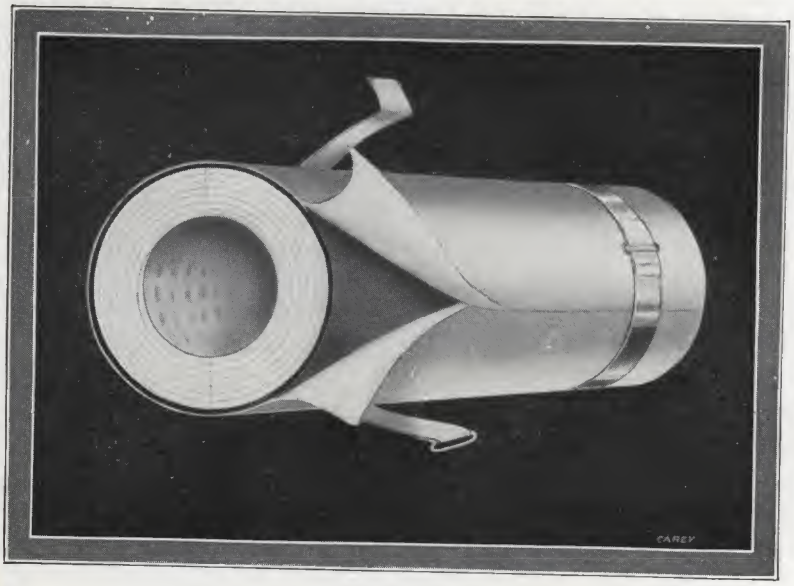
(Pennsylvania R. R. Standard.)

Our Asbestos Train Pipe Covering is made of consecutive layers of pure asbestos paper, in such a manner as to provide for air spaces and enhance its insulating qualities. It is absolutely fire-proof, practically indestructible, and will better withstand the rough usage to which this class of covering is naturally subjected, than any other form of insulation devised for the purpose.

The covering is furnished 5/8 thick in three foot lengths, cut in halves lengthwise, and provided with canvas jacket and staples.

This form of Train Pipe Covering has been used by the most prominent railroads in the country for many years, and the satisfactory results obtained are amply attested by the continued patronage of our customers.

Special prices quoted upon application.



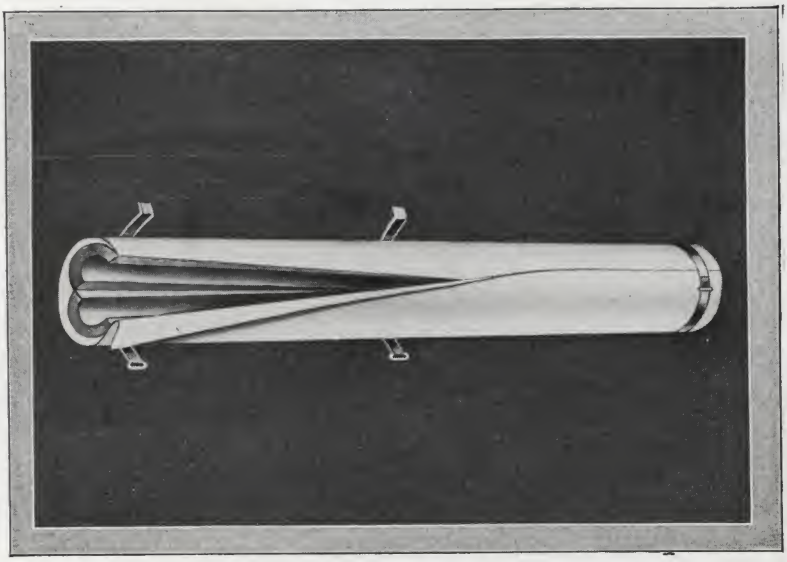
Carey's Train Pipe Covering.

(*Laminated Serrated Asbestos.*)

Our Laminated Serrated Asbestos Train Pipe Covering is made of successive laminations of heavy serrated flexible asbestos, forming and absolutely sealing an infinite number of dead air spaces, thereby making it an ideal fire-proof and practically indestructible insulation for train pipes or other similar trying conditions, requiring a covering that will withstand intense vibration and rough usage. It also has the advantage of exceptional lightness over other coverings offered for similar purposes.

Our Laminated Serrated Asbestos Train Pipe Covering is extensively used, and is rapidly becoming a favorite with those requiring heat insulation for purposes mentioned.

Like other standard coverings, it is furnished in three-foot lengths, cut into halves lengthwise and is provided with canvas jacket and stapled, standard thickness 5/8".



Carey's Perfecto Covering.

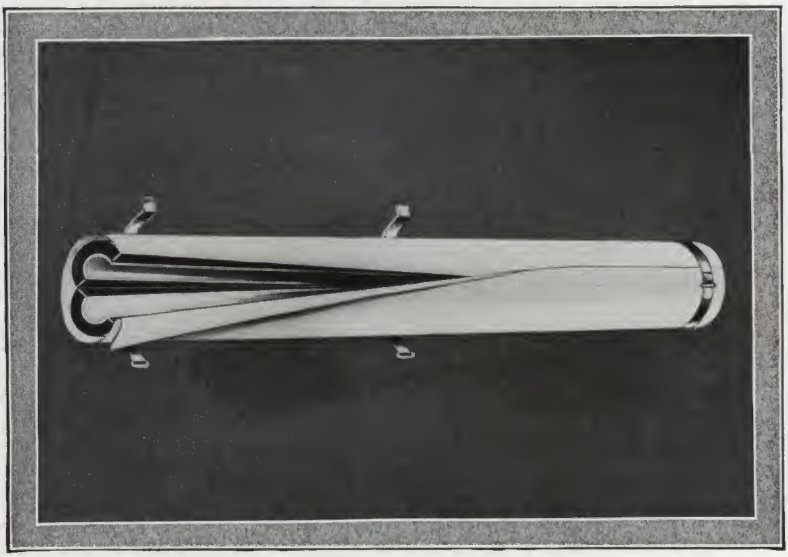
For Low Pressure Steam and Hot Water Pipes.

Our Perfecto Covering is composed of successive layers of woolen felt, lined with asbestos sheathing, and furnished with canvas jacket. This covering is made for, and especially adapted to, low pressure steam pipes, and is the most economical and efficient for this class of work ever offered. Its popularity with the trade has compelled us to greatly increase the capacity of this department of our factory during the past year.

Our Perfecto Covering is made in three standard thicknesses, one-half inch, three-quarter inch and one inch.

Knoxville High School, Knoxville, Tenn. Carey's Covering used throughout.

Hughes High School, Cincinnati, O. Carey's Coverings used throughout.



Carey's Argentum Covering.

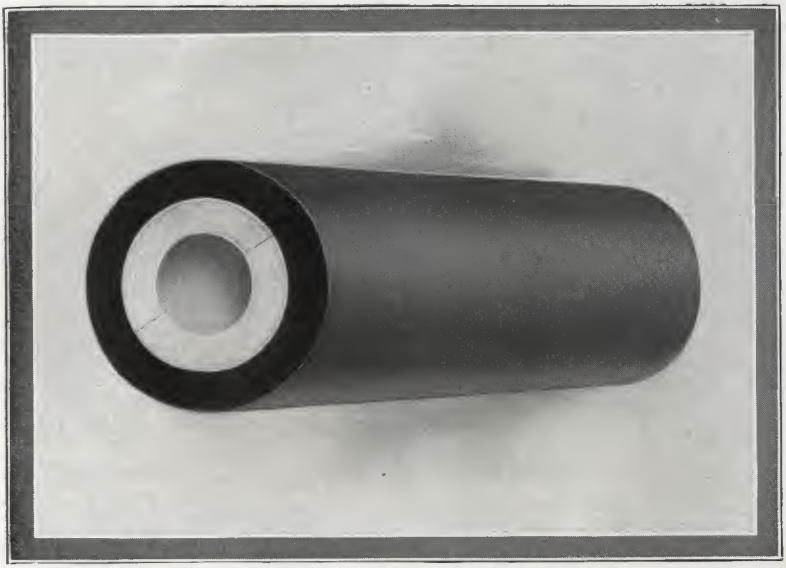
For Steam Pipes in Wet Mines, Etc.

Our Argentum Covering is composed of chemically treated woolen felt, built up in layers to a standard thickness, lined with ⅛ inch thick asbestos felt. The treatment to which our Argentum Covering is subjected, renders the woolen felt impervious to moisture, making it especially suitable for wet shaft and mine pipes subjected to dripping of water.

It is also extensively used for insulating underground pipe.

This covering is furnished with canvas jacket.

See standard price list, page 13.

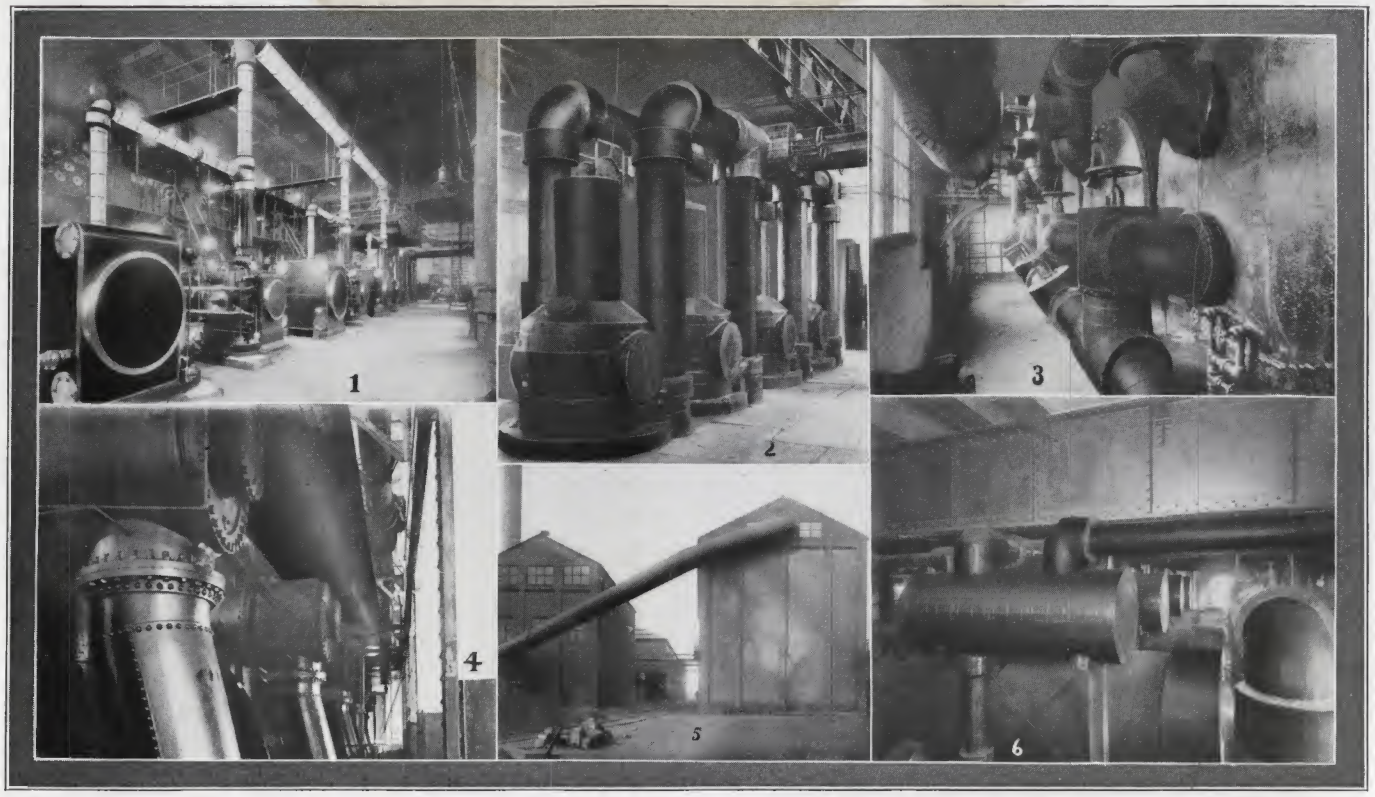


Carey's Magnesia-Argentum Covering.

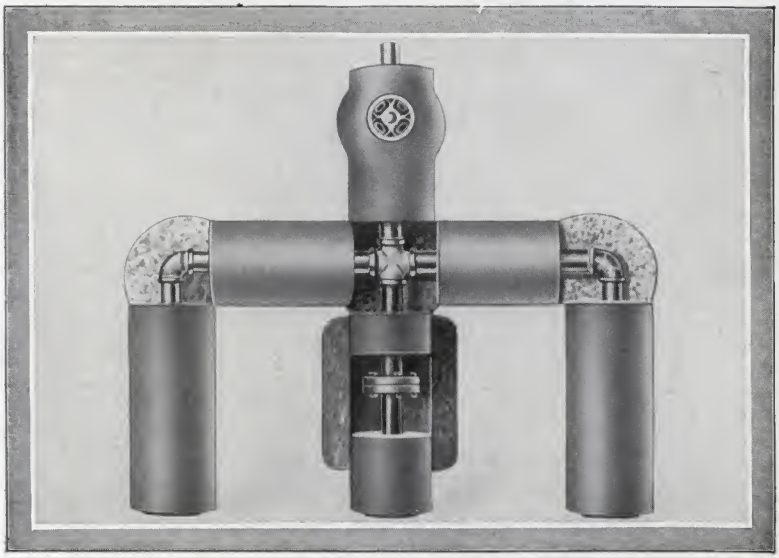
For Underground Work.

This combination consists of Carey's 85% Magnesium Carbonate Sectional Covering protected by a tightly fitting outside shell of water and vermin proof Argentum, with a protecting collar of the same material over the abutting joints of the Argentum Shells, thus furnishing in this combination the highest ideal of heat insulation, absolutely protected from moisture and giving the consumer the best obtainable results at a reasonable cost.

This is a combination furnished by no other manufacturer, and is one which will give the desired results without expensive conduiting. Estimates submitted upon application.



Interior Views of the Toledo Furnaces, Toledo, O. Covered with Cork Covering.



Cork Covering

For Brine, Ammonia, Beer, Ice Water and Cold Water Pipes.

Cork, by nature, contains an infinite number of entrapped air cells, rendering it an excellent non-conductor of heat and cold. In weight it is exceptionally light, and is a non-absorbent of moisture. These qualities especially recommend it as an insulation for ammonia, brine, ice water, cold water and beer pipes.

Our cork covering is made of pure granulated cork, moulded to the required form under pressure, the particles being cemented together so as to render separation practically impossible. The original properties of the cork are not only maintained, but enchanced by the process of combining the particles.

Our various branches throughout the country are in a position to figure upon and execute contracts of any magnitude, and will cheerfully furnish any information desired by interested parties.

Cork Covering Price List.

April 1, 1908. Revised October 1, 1909.

Size	Per Lineal Foot	Flange Cover	Size	Per Lineal Foot	Flange Cover	Size	Per Lineal Foot	Flange Cover
½″	J 45	J 80	3 ″	J 1 10	J 1 75	7 ″	J 2 10†	L, 5 50†
¾″	J 50	J 90	3½″	J 1 25	J 2 00	8 ″	J 2 40†	L, 6 00†
1 ″	J 60	J 1 00	4 ″	J 1 40	J 2 30	9 ″	L, 3 50†	L, 6 50†
1¼″	J 70	J 1 10	4½″	J 1 60	J 2 60†	10 ″	L, 3 75†	L, 7 25†
1½″	J 80	J 1 20	5 ″	J 1 75	J 3 00†	12 ″	L, 4 25†	L, 8 00†
2 ″	J 90	J 1 30	6 ″	J 1 90	J 3 40†	14 ″	L, 4 75†	L, 9 50†
2½″	J 1 00	J 1 50				16 ″	L, 5 25†	L, 11 00†

SCREWED FITTINGS.

Size	Ell	Tee	Valve	Gate Valve	Cross	45° Ell	Special Fit'gs & L'g Turn Ells and Tees	Extra Long Sweep Ells and Tees
½″	J 60	J 70	J 80	J 80	J 1 10	J 60	J 1 40	J 2 80
¾″	J 70	J 80	J 90	J 90	J 1 20	J 70	J 1 60	J 3 20
1 ″	J 80	J 90	J 1 00	J 1 00	J 1 30	J 80	J 1 80	J 3 60
1¼″	J 90	J 1 00	J 1 10	J 1 10	J 1 50	J 90	J 2 00	J 4 00
1½″	J 1 00	J 1 10	J 1 20	J 1 20	J 1 75	J 1 00	J 2 20	J 4 40
2 ″	J 1 10	J 1 20	J 1 30	J 1 30	J 2 00	J 1 10	J 2 40	J 4 90
2½″	J 1 20	J 1 30	J 1 50	J 1 50	J 2 25	J 1 20	J 2 75	J 5 50
3 ″	J 1 30	J 1 50	J 1 75	J 1 75	J 2 50	J 1 30	J 3 10	J 6 20
3½″	J 1 50	J 1 75	J 2 00	J 2 00	J 2 75	J 1 50	J 3 50	J 7 00
4 ″	J 1 75	J 2 00	J 2 30	J 2 30	J 3 00	J 1 75	J 4 00	J 7 90
4½″	J 2 00	J 2 30	J 2 60†	J 2 60†	J 3 50	J 2 00	J 4 60†	J 9 25†
5 ″	J 2 30	J 2 60	J 3 00†	J 3 00†	J 4 00	J 2 30	J 5 30†	J 10 50†
6 ″	J 2 60†	J 3 00†	J 3 40†	J 3 40†	J 4 50†	J 2 60†	J 6 00†	J 12 00†
7 ″	L, 10 25†	L, 11 50†	L, 12 50†	L, 12 50†	L, 13 50†	L, 9 75†	L, 18 25†	L, 21 50†
8 ″	L, 12 00†	L, 13 25†	L, 14 50†	L, 14 50†	L, 15 75†	L, 11 25†	L, 21 00†	L, 24 50†
9 ″	L, 13 75†	L, 15 25†	L, 16 50†	L, 16 50†	L, 18 00†	L, 13 00†	L, 23 50†	L, 27 50†
10 ″	L, 15 75†	L, 17 00†	L, 18 75†	L, 18 75†	L, 20 00†	L, 14 50†	L, 26 50†	L, 31 00†
12 ″	L, 18 00†	L, 19 25†	L, 21 00†	L, 21 00†	L, 23 00†	L, 16 00†	L, 30 00†	L, 35 00†
14 ″	L, 21 00†	L, 22 75†	L, 24 50†	L, 24 50†	L, 27 00†	L, 19 00†	L, 35 00†	L, 40 00†
16 ″	L, 24 50†	L, 26 50†	L, 29 00†	L, 29 00†	L, 31 00†	L, 22 50†	L, 41 00†	L, 48 00†

FLANGED FITTINGS.

½″	J 2 50	J 3 00	J 3 50	J 3 50	J 4 50	J 2 50	J 4 00	J 4 50
¾″	J 3 00	J 3 50	J 4 00	J 4 00	J 5 25	J 3 00	J 4 50	J 5 00
1 ″	J 3 50	J 4 00	J 4 50	J 4 50	J 6 00	J 3 50	J 5 00	J 5 50
1¼″	J 4 00	J 4 50	J 5 00	J 5 00	J 6 75	J 4 00	J 5 50	J 6 25
1½″	J 4 50	J 5 00	J 5 75	J 5 75	J 7 50	J 4 50	J 6 25	J 7 00
2 ″	J 5 00	J 5 75	J 6 50	J 6 50	J 8 50	J 5 00	J 7 00	J 8 00
2½″	J 5 75	J 6 50	J 7 25	J 7 25	J 9 50	J 5 75	J 8 00	J 9 25
3 ″	J 6 50	J 7 25	J 8 50	J 8 50	J 10 50	J 6 50	J 9 25	J 10 50
3½″	J 7 25†	J 8 50†	J 9 75†	J 9 75†	J 12 00†	J 7 75†	J 10 50†	J 12 00†
4 ″	J 8 50†	J 9 75†	J 11 00†	J 11 00†	J 13 50†	J 9 00†	J 12 00†	J 13 75†
4½″	L, 9 75†	L, 11 00†	L, 12 50†	L, 12 50†	L, 15 00†	L, 10 50†	L, 13 75†	L, 16 50†
5 ″	L, 11 00†	L, 12 50†	L, 14 25†	L, 14 25†	L, 17 00†	L, 11 50†	L, 15 50†	L, 17 75†
6 ″	L, 13 00†	L, 14 25†	L, 16 00†	L, 16 00†	L, 19 00†	L, 13 00†	L, 17 75†	L, 20 00†
7 ″	L, 15 00†	L, 16 00†	L, 17 75†	L, 17 75†	L, 21 00†	L, 14 50†	L, 20 00†	L, 22 25†
8 ″	L, 17 00†	L, 18 00†	L, 19 50†	L, 19 50†	L, 24 00†	L, 16 00†	L, 22 25†	L, 24 50†
9 ″	L, 19 00†	L, 20 00†	L, 22 00†	L, 22 00†	L, 27 00†	L, 18 00†	L, 24 50†	L, 27 50†
10 ″	L, 21 00†	L, 22 00†	L, 24 50†	L, 24 50†	L, 30 00†	L, 20 00†	L, 27 50†	L, 31 00†
12 ″	L, 23 00†	L, 25 00†	L, 27 00†	L, 27 00†	L, 35 00†	L, 22 50†	L, 31 00†	L, 36 00†
14 ″	L, 26 50†	L, 29 00†	L, 31 00†	L, 31 00†	L, 40 00†	L, 26 00†	L, 36 00†	L, 42 00†
16 ″	L, 31 00†	L, 34 00†	L, 37 00†	L, 37 00†	L, 45 00†	L, 30 00†	L, 42 00†	L, 48 00†

J—Molded Cork Jackets. L—Mitered Cork Lagging.

Reducing fittings take price of largest dimensions. †—Mitered Cork Lagging for Special Thick Brine.

Extra heavy screwed fittings, ½" to 6", inclusive, take price of next size larger fitting on above list.

All prices marked "J" include paint, wire and waterproof cement for proper application, and brine putty is included where necessary.

The prices marked "L" or "†" include paint, wire and brine putty, but no waterproof cement, as it is not employed in applying lagging. Above list subject to the usual discounts.

Where pipes are too close together, or too near adjacent surfaces, to permit the ready application of regular sectional covering, cork centers are furnished up to and including 8", at above list prices, subject to usual discounts. Prices on lagging for traps, circular tanks, coolers, etc. (36" long, 2", 3", 4", 6" wide, beveled as required), furnished on application.

Hermitage Hotel, Nashville, Tenn. Carey's Covering used throughout.

Cold Water Pipe Covering.

A satisfactory method of covering cold water pipes, to protect them in severe weather, consists in using a combination of non-porous felt, one inch thick hair felt and canvas. The materials are shipped in bulk, and are applied as follows:

The pipe is first wrapped with a layer of non-porous felt, over which is placed a layer of one inch thick hair felt, being careful to lap this material at the edges and joints, so as to perfectly exclude the air; around the hair felt is then placed another layer of non-porous felt, after which canvas is sewed over the whole as a jacket.

The covering can then be painted with white lead or asphaltum varnish, to render it impervious to moisture and exposure.

During the application of the covering, the various materials are held temporarily in place by the use of ordinary small twine.

One square foot of these materials will cover two lineal feet of one inch pipe.

For large exposed pipe under severe conditions, two or more layers of one inch thick hair felt should be used.

Carey's Asphalt Varnish.

(Special)

Our Asphalt Varnish is an especially prepared material for coating pipe and boiler coverings exposed to the weather or in damp places. It not only renders the coverings impervious to moisture, but also adds to their efficiency by hermetically sealing seams and joints.

For painting smoke stacks, boiler fronts and other heated iron work, it is superior to anything ever introduced for the purpose. It is also extensively used for painting pipes, iron railings, fences and similar purposes.

Price, per gallon,.....$1.00.

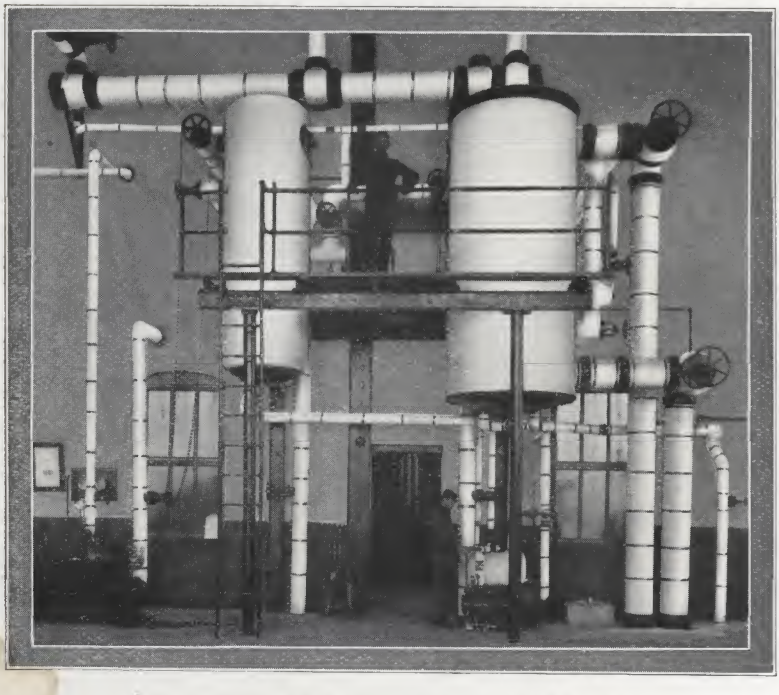
Carey's Furnace Pipe Covering.

For covering hot air pipes, to prevent the radiation and loss of heat in the basement, and secure the benefit of the heat in the living rooms, as well as to obviate the danger of igniting surrounding woodwork from overheated pipes, we recommend the use of our Corrugated Asbestos Felt,

This corrugated felt is 36 inches wide, and put up in rolls of 250 square feet.

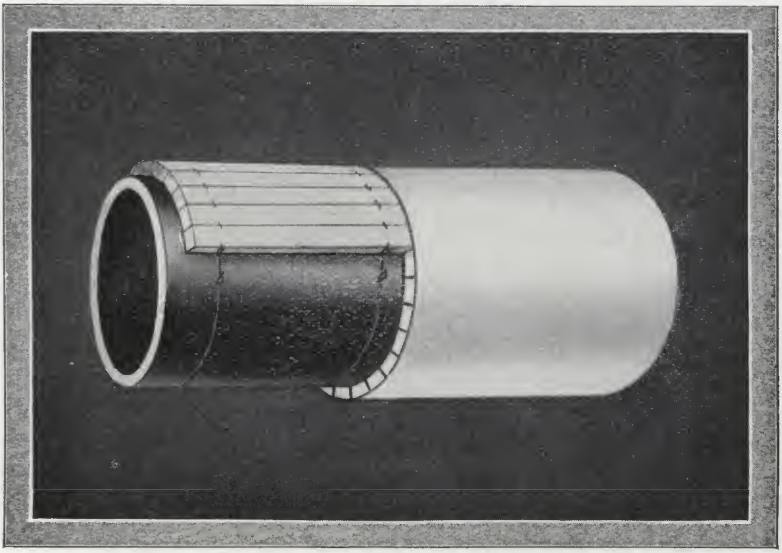
The pipes are wrapped with corrugated asbestos felt to a thickness of two or more layers, and the material is then fastened in place by tying it with ordinary small wire, or by the use of bands especially made for the purpose.

The corrugations form air spaces, while the material itself is absolutely fire-proof and a thorough non-conductor.



Glazier Stove Co., Chelsea, Mich. Carey's Covering used throughout.

American Sheet and Tin Plate Co., Morgantown, W. Va. Carey's Covering used throughout.



Carey's 85% Magnesia Sectional Blocks.

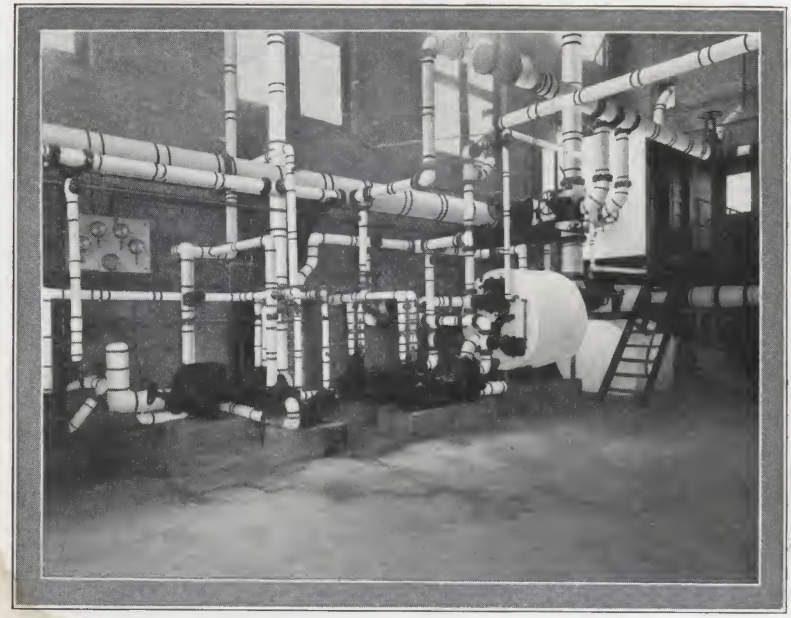
For covering boilers, domes, heaters, breechings, and other large surfaces, 85% Magnesia Sectional Blocks are the most efficient; are easily and readily applied, and can be removed at will without injury. Our special wire hooks and bands simplify the application of Block Covering.

Our Magnesia Blocks are furnished in any desired thickness, the standard widths being three and six inches.

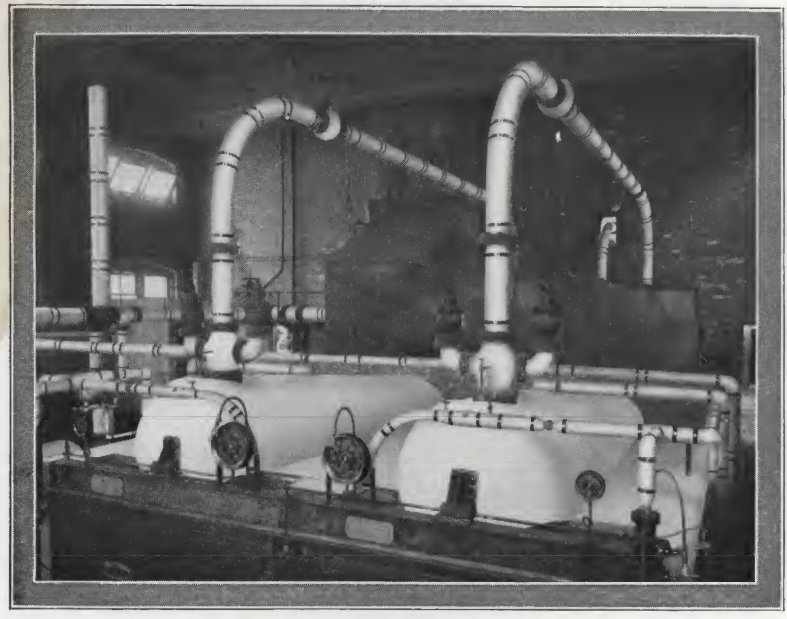
PRICE LIST.

Thickness	Price Square Foot	Thickness	Price Square Foot
½ inch	$0 27	2⅛ inch	$0 64
¾ "	27	2¼ "	68
⅞ "	30	2⅜ "	72
1 "	30	2½ "	75
1⅛ "	34	2⅝ "	79
1¼ "	38	2¾ "	83
1⅜ "	42	2⅞ "	87
1½ "	45	3 "	90
1⅝ "	49	3¼ "	98
1¾ "	53	3½ "	1 05
1⅞ "	57	4 "	1 20
2 "	60		

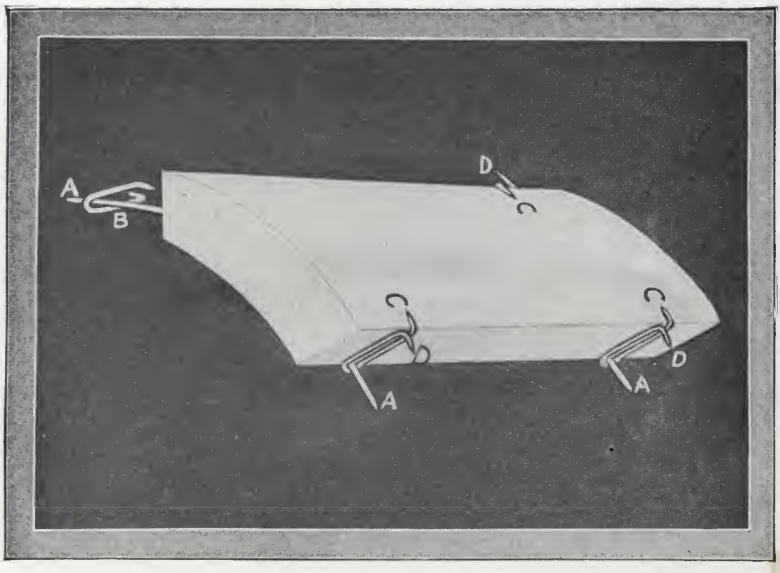
Weight of Magnesia Blocks: 1″ thick, 1¾ lbs. per sq. ft.; 1½″ thick, 2½ lbs. per sq. ft.; 2″ thick, 3¼ lbs. per sq. ft.



Northwestern Knitting Co., Minneapolis, Minn. Carey's Covering used throughout.



Engine and Boiler Rooms, Northwestern Knitting Co. Carey's Covering used throughout.



(Showing special fastening.)

Magnesia Locomotive Lagging.

Carey's 85% Magnesia Lagging has demonstrated its vast superiority over all other forms of insulation for locomotive boilers.

It retains more heat, conserves more energy and saves more fuel than any other lagging. It can not char, will not disintegrate, can be removed and reapplied at will without injury to the portion removed and without disturbing the balance of the lagging. It is lighter than other forms of insulation and is furnished in the most convenient form for handling and application.

With our Magnesia Lagging we furnish our special wire hooks and bands, which greatly facilitate and simplify its application and removal.

The original cost of Magnesia Lagging is but little more than that of the more acceptable of other makes, but taking into consideration the vastly greater efficiency, durability and general advantages of our Magnesia Lagging, the original difference in purchase price is not only eliminated, but the entire cost wiped out by the excess in saving effected.

PRICE LIST.

Thickness	Price Square Foot	Thickness	Price Square Foot
½ inch	$0 27	2⅛ inch	$0 64
¾ "	27	2¼ "	68
⅞ "	30	2⅜ "	72
1 "	30	2½ "	75
1⅛ "	34	2⅝ "	79
1¼ "	38	2¾ "	83
1⅜ "	42	2⅞ "	87
1½ "	45	3 "	90
1⅝ "	49	3¼ "	98
1¾ "	53	3½ "	1 05
1⅞ "	57	4 "	1 20
2 "	60		

Carey's Standard Asbestos Block Covering.

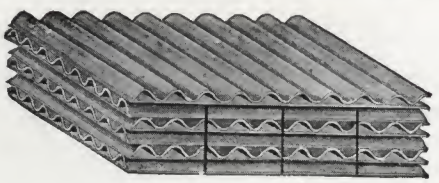
For large Steam Pipes, Boilers, Domes, Drums, Etc.

Our Asbestos Block Covering is composed of the same materials as our moulded steam pipe covering, and is made in blocks of various lengths, widths and thicknesses, to conform to any surface.

Dimensions of standard blocks are either 3" x 18" or 6" x 36".

Carey's Asbestos Air Cell Fireboard.

Our Asbestos Air Cell Fireboard is constructed of corrugated asbestos felt, consisting of two or more layers, the corrugations in alternate layers being reversed. Made of fireproof materials, this fireboard is a very efficient retarder of heat, and is extensively used in fireproofing buildings, ceilings, walls, partitions, and for similar purposes.



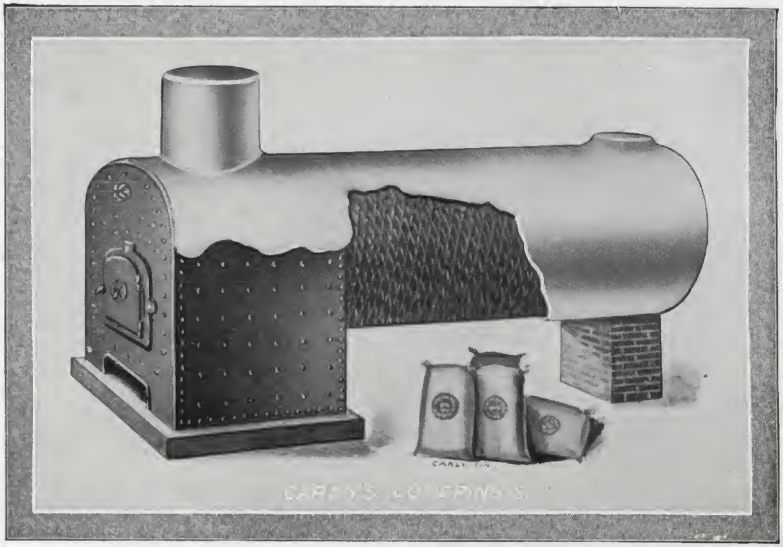
Standard thicknessess range from one-fourth inch (single ply) to one inch. Special thicknesses are made to order.

Corrugated Asbestos Paper.

This is made of one layer each corrugated and plain asbestos paper, forming a flexible insulation about one-fourth inch thick, especially adapted for wrapping furnace pipes and for other purposes requiring a light, flexible, insulating material.

It is 36 inches wide, and is put up in rolls of 250 square feet.

Price, per square foot, 10 cents.



Carey's 85% Magnesia Cement.

(Plastic.)

For insulating irregularly shaped heated surfaces. Composed of 85% pure carbonate of magnesia powder and 15% asbestos fibre. Furnished in dry powdered form, to be mixed with water to proper consistency, and applied with a trowel. Usually applied in two or more coats of one-half inch each, the last coat being finished smoothly.

Price, per bag of 60 lbs.....$7.50.

Carey's Asbestos Cement Felting.

(For Covering Boilers, Domes, Breechings, etc.)

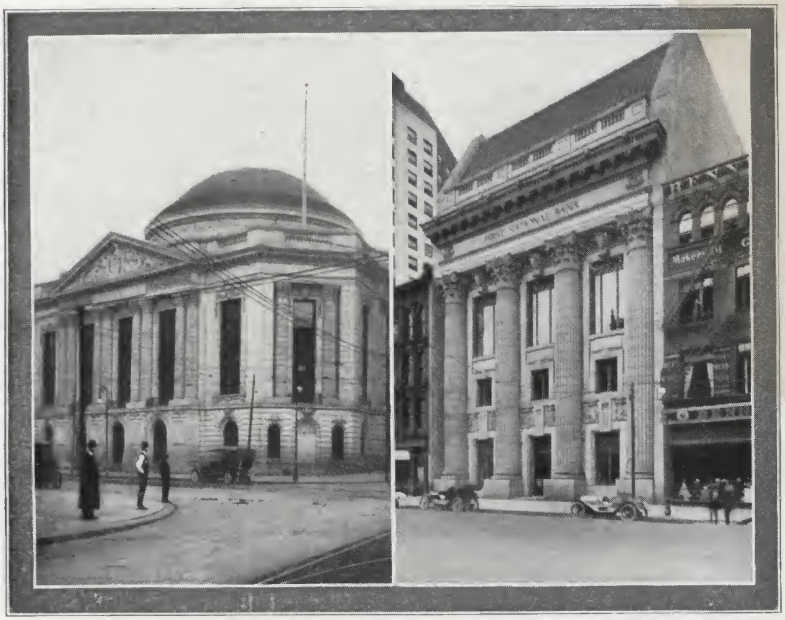
Our Asbesto Cement Felting is composed of asbestos fibre and adhesive fire-proof cementing compounds, put up in dry state in bags. It is mixed with water to a consistency of mortar and applied in several coats of one-half inch thickness.

This cement will adhere readily to iron or other surfaces, and will not crack, chip, peel or fall off.

Price, per bag 100 lbs.....$7.50.

One-Quarter of a Mile of Buildings on Euclid Avenue, Cleveland, O. Pipes in each building Insulated with Carey Covering.

Pennsylvania R. R. Station, Washington, D. C. Carey's Covering used throughout.



First National Bank, Cleveland, O. Cleveland Trust Co., Cleveland, O.
Carey's Covering used throughout.

Carey's Asbestos Retort Cement.

This Retort Cement is composed of Asbestos Fibre and fire and acid proof cementing compounds. It is universally used by gas and chemical works for repairing broken clay and iron retorts and pipes, as well as for cementing fittings and sealing joints. It adheres readily, and when subjected to intense heat, vitrifies without shrinking. It is put up in packages of various sizes, ready for use, and applied with a trowel.

PRICE.

500 to 800 lb. barrels, 4c. per lb.	100 to 200 lb. pails, 5c. per lb.
300 to 400 lb. kegs, 4½c. per lb.	50 lb. pails, 6c. per lb.

Carey's Asbestos Hot Blast Cement Felting.

Our hot blast cement is composed of asbestos and other fire-proof materials, and especially prepared for superheated surfaces and hot blast work. It is furnished in dry form, put up in bags containing sufficient material to cover a surface of about 40 square feet, one inch thick. For use, it is mixed with water to a consistency of mortar and applied with a trowel.

It is not necessary to use wire netting or iron lath in connection with our Hot Blast Cement, but where a high degree of efficiency is desired, corrugated perforated iron lath can be used to advantage, the cement being applied over it to the required thickness, thus forming air spaces between the heated surface and the covering proper.

Hot Blast Cement Felting, per bag of 150 lbs.....$ 7.50.
Corrugated Perforated Iron Lath, per 100 sq. ft..... 10.00.

Carey's Asbestos Furnace Cement.

Our Furnace Cement is conceded to be the most durable and efficient material ever placed upon the market for repairing broken joints in stoves, ranges, heaters and furnaces, as well as making the most desirable substitute for stove linings. It is furnished ready for use; adheres readily to the surface to which it is applied; sets quickly and vitrifies without shrinking under the most intense heat. The only precaution necessary in applying this cement is to see that the surface to which it is to be applied is perfectly clean and free from dust and dirt.

PRICE.

500 to 800 lb. barrels,	4 c. per lb.	10 lb. cans,	$10.50 per doz.
300 to 400 lb. kegs,	4½c. "	5 lb. "	6.75 " "
100 & 200 lb. pails,	5 c. "	2 lb. "	3.75 " "
25 & 50 lb. pails,	6 c. "	1 lb. "	2.25 " "

Carey's Asbestos Stove Lining Cement.

This cement is composed of strictly fire-proof materials, carefully compounded to form the most satisfactory cement ever introduced for repairing and lining stove ranges and furnaces. It is put up in packages ready for use, and can be applied by any one, with an ordinary trowel or wooden paddle. The surfaces on which it is used should be thoroughly cleansed, and when properly applied it will adhere readily; it is not affected by fire, and proves more durable than the surfaces to which it is applied.

Prices on our Stove Lining Cement are the same as those on the Furnace Cement.

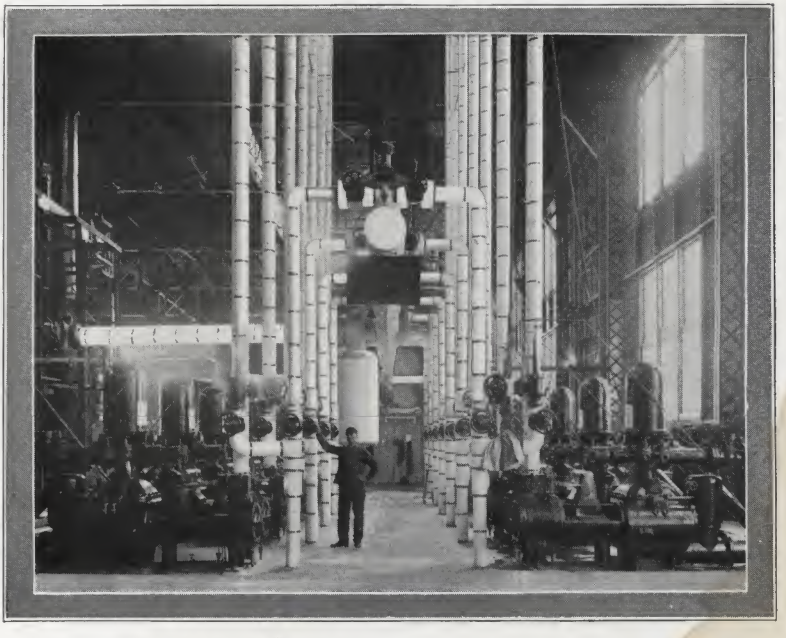
Amalgam Dry Stove Lining Cement.

Carey's "Amalgam" brand of dry stove lining cement is composed of asbestos fibre, and other fire resisting, cementing materials, carefully compounded to withstand direct contact with fire. It is furnished in powdered form to be mixed thoroughly with water to the consistency of putty, and is applied to the desired thickness. The surfaces to which this material is to be applied should be thoroughly cleansed, and the cement then firmly laid in place and carefully smoothed with a trowel. After applying the lining, it should be allowed to partially dry under slow heat, when it will gradually harden and vitrify without shrinking.

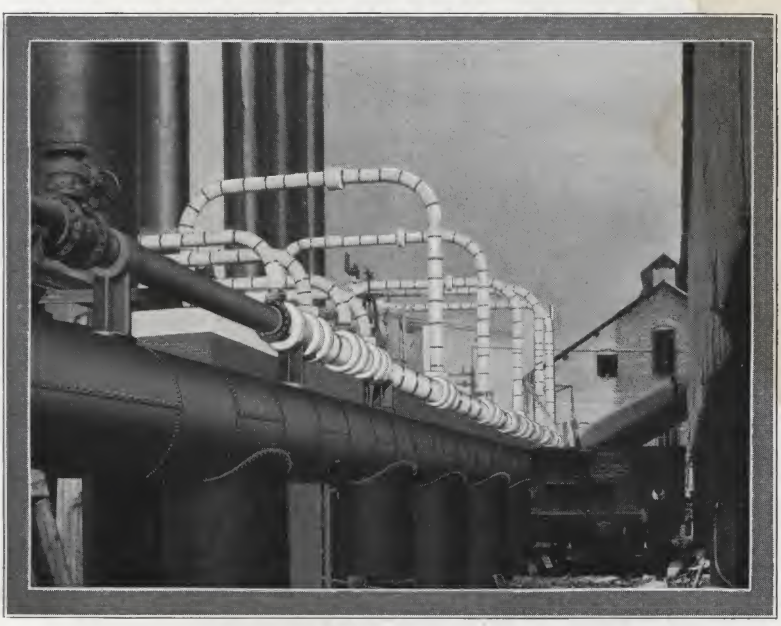
It is especially valuable for repairing and lining stoves, and for setting up and facing fire-brick, grates and similar purposes. It is far cheaper than stove lining or fire-brick, will outlast either, can be successfully used by any one without previous experience or special tools, and saves both time and expense.

PRICE.

5 lb. packages, 25 cts. each. 10 lb. packages, 50 cts. each

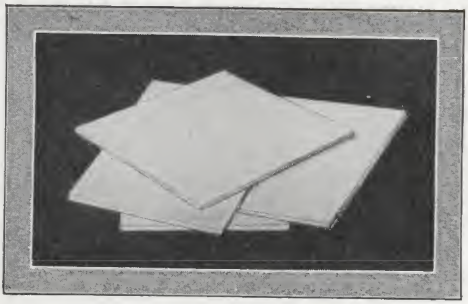


Underwriter Pumps, Louisiana Purchase Exposition Co., St. Louis, Mo. Carey's Covering used.



Chattanooga Blast Furnace Co., Chattanooga, Tenn. Carey's Covering used throughout.

Asbestos Sheet Mill Board.



Carey's Asbestos Millboard is made entirely of Asbestos, and is therefore fire and acid proof. It is used extensively for packing steam joints, for fire screens, partitions, protecting ceilings and walls, lining ranges, stoves and grates, and an infinite number of other purposes requiring fire and heat protection. It is furnished regularly in sheets 40x40" and 42x44" ranging in thickness from 1-32" to 1".

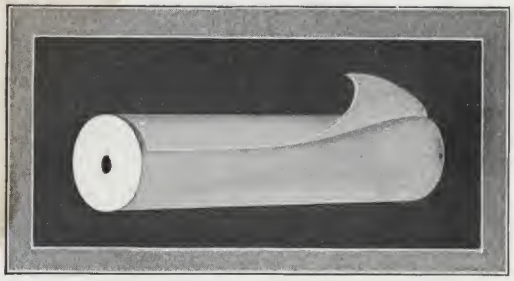
Approximate weight per sheet 40x40":

1-32 in thick, 2 lbs.	3-32 in thick, 6 lbs.	¼ in. thick, 14 lbs.
3-64 " 3 lbs,	⅛ " 8 lbs.	⅜ " 23 lbs.
1-16 " 4 lbs.	3-16 " 12 lbs.	½ " 27 lbs.

Asbestos Roll Millboard.

Composed of the same materials as our Asbestos Sheet Millboard, but is put up in flexible form in rolls 36 inches wide, averaging 100 lbs. each. Thickness 3-32 and ⅛ inch.

Asbestos Paper.



Composed of pure Asbestos fibre, our Asbestos Sheathing is strictly fireproof, and is extensively used and especially valuable for the protection of wood partitions, walls and ceilings. It is also used for lining weather board, floors, etc., being especially desirable for such purposes, as it is practically indestructible and vermin proof.

Asbestos sheathing is also extensively used for covering hot air pipes, making fire screens and for similar purposes.

Made in various thicknesses, averaging 6, 8, 10, 12, 14 and 16 lbs. per hundred square feet, also 1-32 and 1-16 inches thick. It is 36 inches wide, and put up in rolls containing 100 lbs.

Carey's Serrated Asbestos Board.

Carey's Serrated Asbestos Board consists of Serrated Asbestos Felt, built up in plies to standard thicknesses of 1-16", ⅛", 3-16", ¼", ⅜", ½", ¾", 1", 1¼", 1½" and 2".

Being made of pure asbestos fibre, it is proof against fire, acid and decay; and owing to its cellular construction, it is a very good non-conductor of heat, as well as electricity.

Carey's Serrated Asbestos Board is extensively used for lining dry kilns, engine and boiler rooms, stoves and ranges and for sheathing and general fire-proofing purposes. It is regularly furnished in sheets, 40" x 40".

Carey's Serrated Asbestos Felt.

A strong and flexible sheet made of pure asbestos fibre. Owing to its construction, this felt, when wrapped in two or more plies, will be found to be an exceptionally good non-conductor of heat and electricity. It is also fire and acid-proof.

Carey's Serrated Asbestos Felt is particularly adapted for insulating furnace pipes, heaters, dry kilns, etc., and also for covering irregular fittings and bends in steam lines where standard sectional pipe covering cannot be used. It is also recommended for sheathing and sound deadening purposes.

Jackson Residence, Buffalo, N. Y. Linofelt used in Walls, Floors, Etc.

Post-Office, Knoxville, Tenn. Carey's Covering used throughout.

Carey's

LINOFELT

Linen Felt made from Flax Fibre

A flax fibre insulating quilt used for building purposes. Positively the most sanitary and the most efficient non-conductor of heat, cold and sound on the market.

Linofelt keeps your house warm in winter, cool in summer and quiet at all times. Its use adds less than one per cent. to the cost of the average structure and reduces fuel consumption forty per cent. to fifty per cent. This great saving of fuel will soon pay for the slight extra cost, to say nothing of the comfort afforded by the use of Linofelt, and the continued saving and comfort in after years.

These statements are based on scientific tests, reports of which, together with the descriptive booklet, "Quiet Dwellings—Winter-proof and Summer-proof," will be sent upon request.

Linofelt is furnished in several forms for various purposes, as follows:

Forms of Linofelt.

Sheathing Linofelt.

No.

1. *Retted Linofelt*—Rosin sized building paper—Degummed Flax Fibre. In rolls 36" wide, 200 sq. ft., ¼" thick. Weight 45 lbs. per roll, bound edges.
2. *Retted Linofelt (Water-proof)*—Union Water-proof paper—Degummed Flax Fibre. In rolls 36" wide, 200 sq. ft., ¼" thick. Weight 45 lbs. per roll.
3. *Retted Linofelt (Fire-proof)*—(Asbestos Covered). In rolls 36" wide, 200 sq. ft., ¼" thick. Weight 75 lbs. per roll.
4. *Half Inch Retted Lenofelt*—Rosin sized building paper—Degummed Flax Fibre. In rolls 36" wide, 120 sq. ft., ½" thick. Weight 45 lbs. per roll.
5. *Natural Linofelt*—Rosin sized building paper—Green Flax Fibre. In rolls 36" wide, 200 sq. ft., 3-16" thich. Weight 35 lbs. per roll.
6. *Natural Linofelt (Fire-proof)*—(Asbestos covered). In rolls 36" wide, 200 sq. ft., ¼" thick. Weight 75 lbs. per roll.
7. *Linofelt Tape*—In rolls 4" wide, 50 lineal feet, ¼" thick. Weight 4 lbs. per roll.

Frost Proof Linofelt.

(Substitute for Back Plaster.)

In rolls 18" wide, 100 lineal feet, 133⅓ sq. ft., ¼" thick, to go between studding 16" to centers.

8. Standard Frost-Proof Linofelt—Rosin sized building paper—Degummed Flax Fibre. Weight 30 lbs. per roll.
9. Water-Proof Frost-Proof Linofelt—Union Water-proof paper—Degummed Flax Fibre. Weight 30 lbs. per roll.
10. Fire-Proof Frost-Proof Linofelt (Asbestos covered). Weight 60 lbs. per roll.

In rolls 26" wide, 100 lineal feet, 200 sq. ft., ¼" thick, to go between studding 24" to centers.

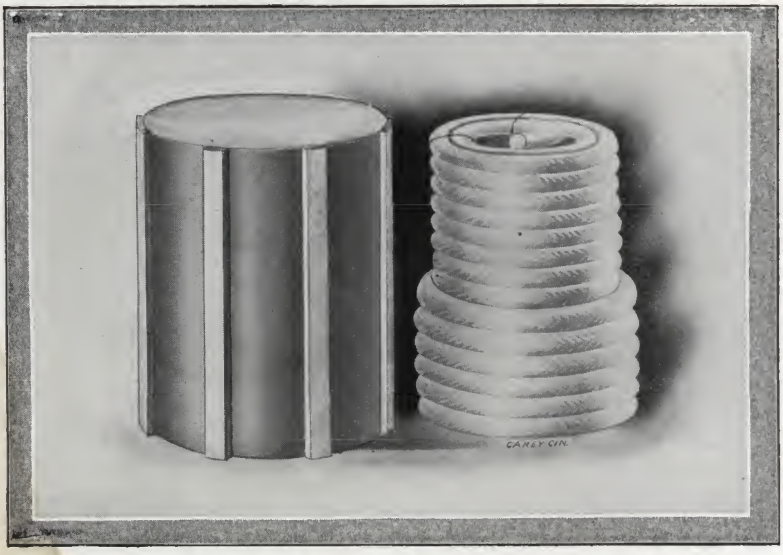
11. Standard Frost-Proof Linofelt—Rosin sized building paper—Degummed Flax Fibre. Weight 50 lbs. per roll.
12. Water-Proof Frost-Proof Linofelt—Union Water-proof paper—Degummed Flax Fibre. Weight 50 lbs. per roll.
13. Fire-Proof Frost-Proof Linofelt (Asbestos covered). Weight 90 lbs. per roll. Write for special descriptive booklet and prices.

Lith.

Lith is a combination of flax fibre and special patent water-proof rock wool compressed together into a rigid board, designed to meet the more severe conditions of insulation and sound deadening. Standard sheets are 4" x 48"-14" x 48"-18" x 48", thicknesses ½" and 1". Other sizes and thicknesses to order.

Write for special descriptive booklet and prices.

1. Baden School, St. Louis, Mo. 2. Manual Training Annex, Central High School, St. Louis, Mo.
3. Gardenville School, St. Louis, Mo. Carey's Covering used throughout.



Carey's Asbestos Rope Packing.

Is made of long select Asbestos Fibre. Is absolutely fireproof and not affected by oil. Is extensively used for packing engines, joints and similar purposes. Is furnished in reels of 10, 15, 25 and 50 lbs. each, and in thicknesses from ¼ inch to 2½ inches in diameter.

Carey's Asbestos Wick Packing.

This Packing is made of the purest Asbestos Fibre, absolutely acid and fireproof, is soft and pliable, and can be formed and packed in desired shapes. Is used for packing small steam pumps, tubes, valve stems, and similar purposes. Is put up in ¼, ½ and 1 lb. balls. Unless otherwise instructed 1 lb. balls are furnished on orders.

Carey's Packings.

For Steam, Air, Water, Ammonia, Gas, etc.

We furnish a complete line of packings, built on correct principles, of asbestos, rubber, duck and flax, for steam, air, water, ammonia, gas, etc.

We maintain a corps of efficient experts, whose services are at the disposal of our patrons and who are in position to recommend or devise a suitable packing to meet every known condition.

Our standard packings are described in Catalog No. 511, copy of which will be sent upon request.

Enduro Brake Lining.

In Carey's Enduro Brake Lining we furnish a lining of superior merit, for use in automobile brake bands and brake shoes. It consists of brass wire inserted asbestos yarn, tightly braided into tape form, impregnated with a special compound, and compressed in thickness and width under heavy pressure. Our lining is absolutely non-absorbent, and is proof against heat, oil and water. It is positively the toughest and most durable on the market, and is guaranteed to outlast and give better satisfaction than any other kind.

Furnished in thicknesses of ⅛", 5-32", 3-16" and ¼", and in widths of 1" to 4" inclusive.

Send for sample and further information.

Carey's Stitched Brake Lining.

Our Stiched Brake Lining is lower in price than our Braided Brake Lining, but will give satisfactory service under ordinary conditions. It consists of closely woven asbestos cloth, folded to the required thickness and width, the plies being well frictioned together with a rubber compound; the surface is treated with a special heat-resisting compound, and the lining is then stitched (two to four stitches to the width) lengthwise with a strong jute cord. Sample and prices upon application.

Asbestos Fibre.

Prepared from pure asbestos rock, free from dirt, acid and fire-proof. The material resembles very fine wool, and is extensively used for packing journal boxes, filtering chemicals, backing gas grates, and many other special purposes.

Price, per lb.....50 cents.

Carey's Asbestos Braided Tubing.

Made of pure asbestos fibre, is absolutely fire-proof and a non-conductor of electricity. It is therefore an exceptional insulator for conductor and electrical wire, is perfectly flexible and more durable than any other known material for the purpose.

Tubing No.	Wire No.	Diameter Tubing	Lin. Ft. Per lb.	Price Per lb.
115	17 B. and S.	⅛"	100	$1 80
215	10 "	5-32"	95	1 65
315	8 "	3-16"	90	1 60
415	5 "	¼"	50	1 50
515	4 "	5-16"	40	1 45
615	2 "	⅜"	30	1 40
715	0 "	½"	25	1 35

Asbestos Listing.

Asbestos Listing is a fire-proof, flexible, woven tape, suitable for wrapping all forms of electrical wires. It is made in widths from ½ inch to 4 inches, and from 1-64 inch to 5-64 inch thick.

Prices upon application.

Asbestos Cloth, Cord, Twine and Yarn.

Asbestos Cloth.—We furnish a very superior quality of asbestos cloth of even texture, in light, medium and heavy grades. This material is absolutely fire-proof, and is not affected by acids or oils. It is extensively used for various purposes, being made up into theatre curtains, screens, aprons, gloves, mittens, grate blowers, table covers, etc., and utilized wherever an absolutely fire-proof cloth is required. It is also extensively used for filtering purposes. Special prices upon application.

Asbestos Cord.—A soft unfinished cord of pure asbestos fibre used wherever a fire-proof cord is required. Stock thicknesses: ⅛ inch 1-16 inch and 1-32 inch; other thicknesses to order.

Price, per lb., $1.00.

Asbestos Glassworkers Cord.—A strong, hard finished, four strand cord, composed of pure asbestos fibre, both fire and acid proof. Used extensively in chemical, glass and print works. Furnished regularly ⅛ inch, 1-16 and 1-32 inch thick; other sizes made to order.

Price, per lb., $1.00.

Asbestos Twine.—A three stand twine 1-16 inch in diameter, made of pure asbestos fibre. Furnished in 1 lb. spools, and also in 5 and 10 lb. reels.

Averages about 280 lineal feet per lb. Price, per lb., $1.15.

Asbestos Thread.—A fine unfinished twine for sewing asbestos cloth, binding materials exposed to fire or acid, and electrical insulation. Price, per lb., $1.50.

Asbestos Yarn.—Made of pure asbestos fibre, and in various thicknesses ranging from 750 feet to 3,000 lineal feet per pound, and finer. This material may be knitted, crocheted, or otherwise converted into useful and ornamental fire-proof designs.

Price, per lb., $1.50.

Asbestos Incandescent Mantle Thread.—A fine thread of great strength, made of pure asbestos fibre, especially prepared for suspending incandescent lamp mantles and similar purposes. Put up in 1 lb. spools, averaging about 2,000 lineal feet.

Price, per lb., $1.65.

Asbestos Theatre Curtains and Table Cloths.

Asbestos Theatre Curtains.—Asbestos curtains made of pure asbestos cloth, strengthened by interwoven brass wire, form a perfect fire resistant, withstand windblasts, and have proven to be the ideal fire protection. The weight of an asbestos curtain complete will range approximately from 300 to 350 pounds, while a steel curtain averages about 8,000 pounds thus giving the asbestos an inestimable advantage over the steel curtain in case of an emergency where quick handling and prompt action are imperative. Moreover the asbestos curtain is practically unaffected by fire, whereas, even though the stage hands may succeed in properly operating the steel curtain, it will invariably twist and warp under intense heat, thereby increasing the danger and difficulty instead of holding the fire in check.

Our asbestos curtains are hand-sewed with asbestos thread, the seams being double lapped; the edges are strengthened with webbing, to which the iron guide wire rings are attached with pure asbestos thread. The curtains are further provided with a pocket both at top and bottom for the reception of the iron rod or pipe.

Estimates upon application.

Asbestos Table Cloths.—We furnish an asbestos table cover made of heavy asbestos cloth covered on both side with soft finished linen, the edges being bound with linen tape. This makes the most durable, serviceable and suitable cover on the market for protecting highly polished tables from the effects of heated dishes, and guards against defacing the table by close contract with metal and queensware incident to the use of the ordinary table cloth.

Our asbestos table cover, made as above noted, has a marked advantage over all other forms of table covers, in that the surface is soft, smooth, and can not in any way scratch or otherwise injure the surface of the table.

It can be made in one piece or in sections, can be folded and laid away, and washed at will like an ordinary table cloth, whereas, other forms, made of asbestos board and similar materials, either unprotected or covered with flannel, can not be cleansed, are awkward to handle, and apt to injure the very surfaces to which the are snpposed to afford protection.

All objections are overcome, and perfect protection insured, by the use of **Carey's Asbestos Table Cover.**

In writing for quotations, kindly give dimensions of the table and also of extra leaves, if provision is desired to be made therefor.

Asbestos Ribbon, Special Paper, Glassworker's Sheets, Etc.

Asbestos Ribbon.—We furnish asbestos ribbon for electrical purposes, in widths from 3/8" up. This ribbon is made of exceptionally thin, pure asbestos paper, and is used extensively in electrical work for insulating magnet wire, etc.

List price, per lb., 25 cents.

Special Asbestos Paper (Fine).—For electrical insulation and special manufacturing purposes we furnish an extra light, pure asbestos paper 36" wide, or wider, weighing from 2 lbs. to 5 lbs. per hundred square feet according to requirements, in rolls of 100 lbs. or over. Price, per lb., 15 cents.

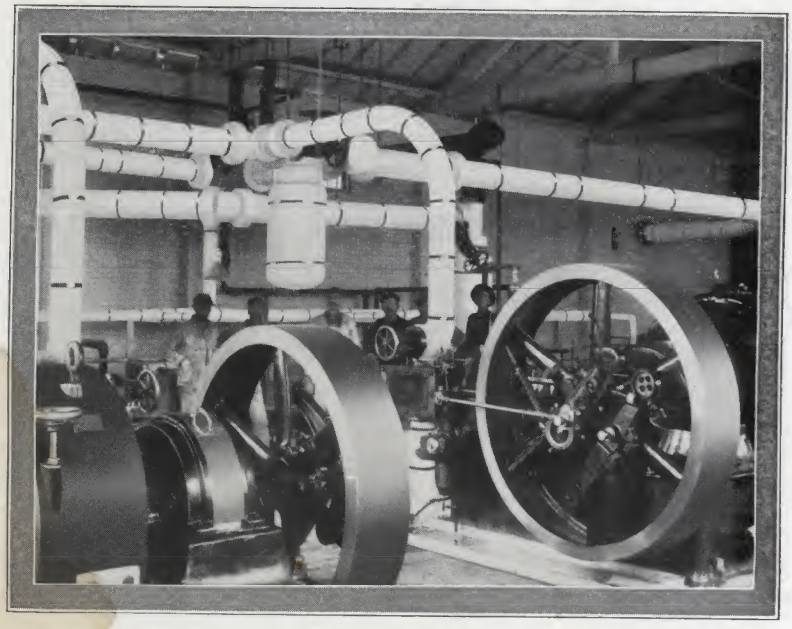
Asbesto Fire and Water-Proof Paper.—This is an asbestos paper saturated with water-proof material, producing a fire-proof, damp proof and vermin proof paper, which meets the universal demand for a material of these properties for sheathing or lining weather-boards, floors, partitions and similar purposes. Furnished in weights and thicknesses from 6 lbs. to 30 lbs. per 100 squre feet, 36" wide, or wider. Price, per lb., 10 cents.

Glassworkers' Sheets.—Made of an especially prepared asbestos board, silicated and hardened under pressure. They will withstand rough usage, and the most intense heat.

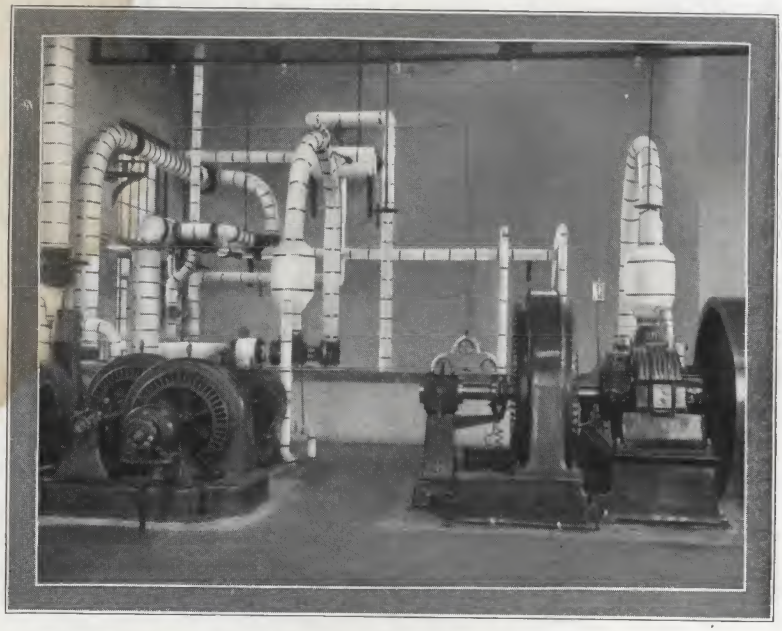
Prices upon application.

Asbestos Stove Mats.—Made of asbestos board bound with metal to protect cooking utensils from direct contact with fire, and avoid scorching food. Prices upon application.

Asbestos Gloves and Mittens (with either leather or asbestos gauntlet), Asbestos Leggins, Asbestos Aprons.—These are absolutely fire and acid proof, and are extensively used in glass, chemical and iron smelting works, bakeries, etc., affording great protection to the workmen. Prices upon application.

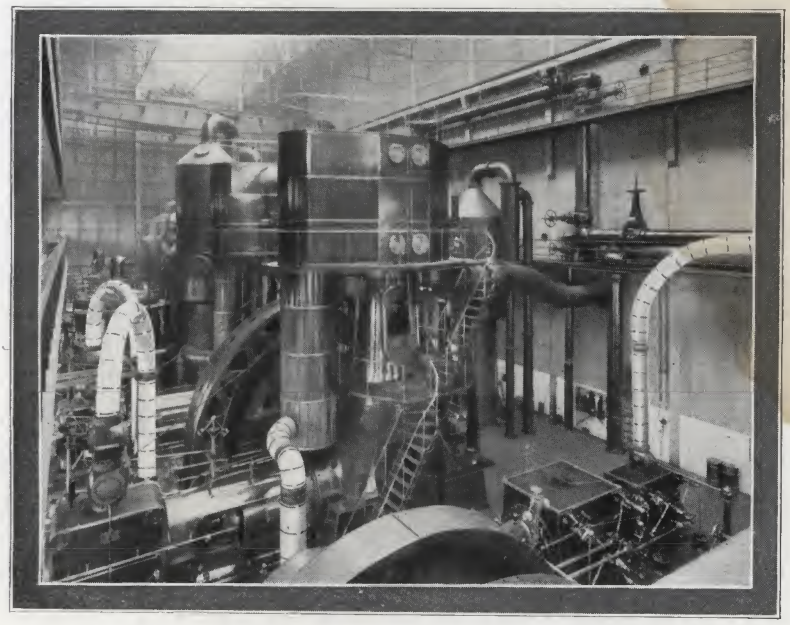


Montevallo Girls' Industrial School, Montevallo, Ala. Carey's Covering used throughout.

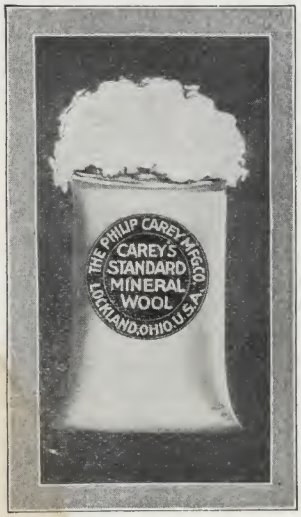


A. and M. College, Raleigh, N. C. Carey's Covering used throughout

Philadelphia Electric Co., Sta. A, Philadelphia, Pa. Carey's Covering used throughout.



Philadelphia Electric Co., Sta. A, Philadelphia, Pa. Carey's Covering used throughout.



Mineral Wool.

This is a mineral substance in fibrous form, extensively used for fire-proofing buildings and deadening sound, being one of the best known materials in existence for the latter purpose. It is light in weight, absolutely fire-proof, and proof against mice and vermin. It weighs about 9 pounds to the cubic foot, making an average of about ¾ pound to one square foot, one inch thick. It is put up in bags weighing about 50 lbs. each. There are several grades of Mineral Wool, but we furnish only one grade of carefully selected material.

Quotations upon application.

Lino Carpet Felt.

A 3-16" thick quilt, made from flax fibre (unbleached linen threads), stitched in rows five inches apart, between two heavy sheets of rosin-sized building paper. It is 36" wide, put up in rolls of 200 sq. ft., weighing 35 lbs. per roll. On the edges the double paper extends two inches beyond the fibre, permitting of the lapping of Lino Carpet Felt, thus insuring an even cushion under the carpet.

Lino Carpet Felt makes all carpets like velvet, deadens sound and makes the room warmer in winter and cooler in summer. Being made of flax fibre, it will not deteriorate in centuries and will retain its resiliency at all times.

Deadening Felt.

This is extensively used for deadening sound, and is a favorite as a carpet lining. It is 36 inches wide and put up in rolls of 50 square yards.

Price, per roll.....$3.00

Non-Porous Felt.

Our Non-Porous Felt is extensively used for sheathing and lining frame buildings, as protection against dampness and vermin. It is 32 inches wide and put up in rolls of 330 square feet, weighing 14 to 16 pounds per 100 square feet.

Price, per pound, 6 cents.

Carey's Cold Water Paste.

Is put up in dry powdered form, to be mixed with cold water to the proper consistency. It is the most convenient, economical, satisfactory cold water paste in use to-day. It requires absolutely no cooking or steaming and has no injurious effect on the most delicate article.

To prepare Carey's Cold Water Paste stir one pound of powder to three quarts of water, making the consistency thicker or thinner by the addition of more powder or water.

Extensively used by paper hangers, pipe coverers and in factories of all kinds for pasting packages, labels, etc.

Carey's Export Paste.

It is put up in dry powdered form to be mixed with steam or hot water to the proper consistency. It is a very satisfactory article for use where steam or hot water is of ready access.

By using either Carey's Cold Water Paste or Carey's Export Paste, you not only avoid paying for a large quantity of water, but also effect a great saving in freight, as well as obviating the waste usually experienced in having wet paste evaporate and become worthless.

Carey's Two-Cylinder Painting Machine.

For Whitewashing and Painting Factories, Mills, Freight Cars, Barns, Stables, Poultry Houses, etc.

Carey's No. 3 is recommended for large buildings or where frequent and large applications are made. The pump has two vertical cylinders and two bronze plungers, operated by single lever. The construction permits all gritty substances to pass through the valves without cutting the cylinders. All working parts are bronze. The plungers are packed from the outside, and the valves can be easily reach by removing the valve covers. There is a discharge opening on each side, and the pump is powerful enough to supply four leads of hose which can be connected to these openings with a brass Y.

Pump with Strainer and Hose Coupling	Dia. Cyl.	Suction	Double Disch'ge	Price
	2 in.	¾ in. hose	½ in. hose	$22 50
	2½ in.	1 in. hose	½ in. hose	$29 25
Outfit C.	2 in. fitted with 5 ft. ¾ in. suction hose with strainer and 1 lead ½ in. discharge hose 15 ft. long with one "Lenox" or other spray nozzle.			$29 25
Outfit C. C.	2½ in. fitted up in the same manner, except has 1 in. suction hose.			$36 50
Outfit D.	2 in. fitted same manner with 2 leads ½ in. discharge hose each 15 ft. long.			$33 75
Outfit D. D.	2½ in. fitted in same manner except has 1 in. suction hose.			$41 00

Carey's Fire-Proof Cold Water Paints

Are composed of minerals combined with cementing compounds, furnished in the forms of a dry powder which unites readily with water, forming a paint of remarkable adhesiveness and covering capacity, giving a soft desirable finish unequalled by any similar paint on the market. Carey's paint can be applied to either smooth or rough surfaces, brick, iron, wood or stone, works freely under the brush, and will not peel or crack.

Carey's White Cold Water Paint

Is especially desirable for coating the walls and ceilings of factories, mills, warehouses, basements, breweries, cold storage plants, summer cottages, and similar purposes, not only as a sanitary precaution, but to make the buildings cheerful and obtain the fullest possible benefit of natural and artificial light. This paint is quite inexpensive, costing but little more than whitewash, and will outlast many applications of the latter without its objectionable features.

It is readily and quickly prepared, and easily applied by any one who will follow the simple directions.

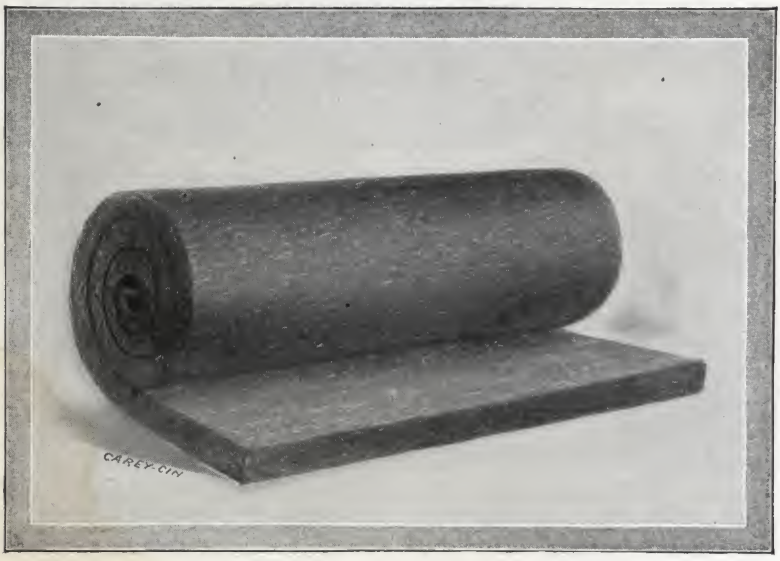
Carey's Cold Water Colors

Are carefully selected by an expert chemist with a view of obtaining the most permanent tints. There being no alkali in the ingredients of our paint, these colors are practically indestructible.

Where Economy, Light, Sanitation and Fire-proof Qualities are desirable features—use Carey's Cold Water Paints.

Directions.

To prepare Carey's Cold Water Paint properly, make a paste of the powder by adding a little water. Stir thoroughly until a smooth, creamy mixture is obtained. Keep adding water slowly until it becomes of the consistency of oil paint. Use a calcimining brush, or Carey's Painting Machine for applying. Price upon application.



Hair Felt.

Carey's Standard Hair Felt is made of carefully selected hair, in all the regular thicknesses, and is extensively used for lining and insulating refrigerator cars and for similar purposes, as well as in the construction of mattresses and other upholstering work.

This material also forms an efficient protection for gas and cold water pipes, in winter, when properly used, according to our method.

PRICE LIST.

				Per sq. ft.
In bales of about	300 sq. ft.	each,	¼ inch thick	4 cents.
" "	300 "	"	½ inch "	4¼ "
" "	300 "	"	¾ inch "	5¾ "
" "	300 "	"	1 inch "	6½ "
" "	150 "	"	1½ inch "	10 "
" "	150 "	"	2 inch "	13 "

Pure Carbonate of Magnesia.

We manufacture and furnish pure Carbonate of Magnesia Powder in barrels, kegs, bags and cartons, to meet the requirements of the trade. This material is used extensively by manufacturers of rubber goods, printing ink, paint, glass and soap, and others interested in securing the purest, lightest, whitest powder made. It is also particularly adapted for use in various products, where a chemically pure, harmless, light filler is desired, reducing the cost and increasing the bulk.

We also furnish Carbonate of Magnesia in one, two and four ounce blocks put up in cases of 50 and 100 lbs., as well as in form of small cubes.

Inquiries are solicited, and samples, prices and information promptly furnished.

Analysis.

VIRGIL COBLENTZ, A. M. Phar. M., Ph. D., F. C. S., Etc.

PROF. OF CHEMISTRY IN COLLEGE OF PHARMACY
OF THE CITY OF NEW YORK.

The sample original package of Magnesium Carbonate submitted for examination, conforms in every respect to all the tests of the U. S. Pharmacopoeia. In fact the degree of purity of the sample is *greater* than that demanded by the Pharmacopoeia.

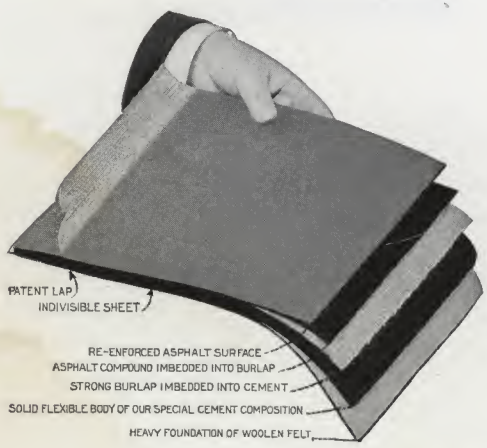
V. COBLENTZ.

The Boston City Hospital.

An original package of Powdered Magnesium Cabonate was duly received, and your request that it be examined for Calcium Carbonate has been complied with.

The sample contains only a trace of Calcium Carbonate; a quantity so slight that for practical purposes it can be disregarded. I have, therefore, not attempted to make a quantitative estimate, as you requested in case Calcium Carbonate was found present.

Prof. G. R. TUCKER, Chemist.



The Component Parts of The Carey Roof Standard.

Compressed by powerful steam rollers into a solid, compact and indivisible sheet of roofing. Absolutely water-proof. Fire and weather-resisting.

When You Examine a Piece of

The Carey Roof Standard
CAREY'S FLEXIBLE CEMENT ROOFING

You can hardly fail to be impressed with the permanent value so clearly shown in its construction.

Carey's Roofing is a time-tried product of indisputable worth and durability—a roofing that is scientifically correct in construction and composition, and manufactured strictly to the same formula, even to the observance of the slightest details, year in and year out.

Over twenty years' actual service and time-tests, on buildings of every kind, in all climates, have proved Carey's Roofing the most durable and economical of roofing materials.

Carey's Roofing is the oldest composition roofing that has not been subjected to continual changes in composition or form of construction. Long years of satisfactory service and experience prove the worth of any article; we know that Carey's Roofing is as near perfection as it is possible to produce a roofing material.

There are many ready-made rooofs on the market, but *only one Carey roof*, and an examination and comparison will prove a convincing argument of the superiority of the Carey Construction. The more careful investigation you make of Carey's Roofing the more you will appreciate the great amount of roofing value it contains.

The durable Carey Cement Composition, which is a vital part of our roof, was not produced in a day, but is the result of many years research and experiments.

In adopting Carey's Roofing you preclude every chance or possibility of experiment and you are able to procure positive evidence of its enduring qualities from reliable and prominent sources everywhere.

How the Carey Roof Standard (Carey's Flexible Cement Roofing) is put up for Shipment.

Rolls of Carey's Roofing where Cement and Nails are Furnished in Bulk.

Carey's Roofing is easy and convenient to apply. It is put up in rolls containing sufficent to cover 100 square feet, surface measure, when applied to the building. The sheets are 29 inches wide by 45 feet in length.

We furnish with each roll or square, for its proper application, 1½ pounds large head roofing nails and ½ gallon lap cement—cement to be used where the two sheets join, also for cementing down the lap over the nail heads,

Nails and Cement Packed Inside of Roll.

For the convenience of dealers, we also furnish our roofing in package from, with the cement and nails inside the roll. This is particularly desirable for a dealer who sells in small lots, from one to ten rolls at a time, but for those who are applying roofs over large surfaces it is preferable that cement and nails be put up in bulk. A roll or square of Carey's Roofing with the necessary materials for its application will weigh about 82 lbs. per square.

The Home of Carey's Products, Lockland, Cincinnati, Ohio.

Carey's Magnesia Pipe Covering Factory, Plymouth Meeting, Pa.

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